

ALPHABETICAL LIST OF MEMBERS LISTE ALPHABETIQUE DES MEMBRES

Names are given under the first letter of the first word; for example the name Van de Hulst will be found under V.

The names of the countries are given in their English form.

Names of astronomers using the Cyrillic alphabet in their own country (U.S.S.R.) are given with the new transliteration rules adopted by the International Organization for Standardization (I.S.O.) (see, in this volume, page 113). In all cases, the previously used transliteration follows the new one, in brackets; appropriate cross-referencing has been attempted. Example: YAKHONTOVA [see JAHONTOVA] is found under Y, while JAHONTOVA (and the address) is found under J. In other sections of the *Transactions*, either spelling may appear. Note that Č, Š, Ž follow C, S, Z in the alphabetical list.

Please inform the Assistant Secretary of the I.A.U., Observatoire de Nice, Le Mont-Gros, 06-Nice, France, of any errors you may find in this list. The list has been corrected to May 1966.

Les noms figurent à la première lettre du premier mot; par exemple, le nom 'Van de Hulst' se trouve à la lettre V.

Les noms de pays sont donnés sous leur forme anglaise.

Les noms des astronomes utilisant l'alphabet cyrillique dans leur pays (U.R.S.S.) sont donnés selon les nouvelles règles de translittération adoptées par l'I.S.O. (International Organization for Standardization) (voir dans ce volume, page 68). Dans tous les cas, les translittérations usuelles de ces noms suivent, entre parenthèses, les nouvelles formes. Quand ces formes usuelles sont placées, dans l'ordre alphabétique, différemment des nouvelles, le nom est également cité à sa place usuelle; par exemple, YAKHONTOVA [see JAHONTOVA] se trouve à la lettre Y, tandis que la nouvelle forme JAHONTOVA (et l'adresse) se trouve à la lettre J. Dans les volumes des *Transactions* de l'U.A.I., on peut rencontrer les deux orthographies. A noter que les initiales Č, Š, Ž suivent les initiales C, S, Z dans la liste alphabétique.

Les Membres de l'Union sont priés de bien vouloir informer le Secrétaire Adjoint de U.A.I., Observatoire de Nice, Le Mont-Gros, 06-Nice, France, de toutes les erreurs qu'ils pourraient relever dans la présente liste. Cette liste a été corrigée jusqu'en Mai 1966.

ABBOT (Dr C. G.), Astrophysical Observatory of the Smithsonian Institution, Washington, D.C., U.S.A.

ABBOTT (Prof. W. N.), 42 Leophoros A. Michalacopoulou, Ilisia, Athens 612, Greece.

ABDALA (Dr J.), Edificio 'P 10 x 11' primer piso no. 1, San Francisquito a Puente Ayacucho, Caracas, Venezuela.

ABELL (Dr G. O.), Astronomy Department, University of California, Los Angeles 24, California, U.S.A.

ABETTI (Prof. G.), Osservatorio Astrofisico di Arcetri, via S. Leonardo 75, Florence, Italy.

ABHYANKAR (Dr K. D.), Director, Observatory of Hyderabad, Hyderabad, Deccan, India.

ABRAHAM (H. J.), Mount Stromlo Observatory, Canberra, A.C.T., Australia.

ABRAMI (Prof. A.), Osservatorio Astronomico, via G.B. Tiepolo no. 11, Trieste, Italy.

ABREU (Dr J. C. de Brito e), Observatorio Astronomico de Lisboa, Tapada, Lisbon, Portugal.

ABT (Dr H. A.), Kitt Peak National Observatory, P.O. Box 4130, Tucson, Arizona, U.S.A.

- ADAM (Miss Dr M. G.), University Observatory, Oxford, England.
- ADAMPOULOS (Dr G.), rue Lamais no. 8, Athens (6), Greece.
- ADAMS (A. N.), U.S. Naval Observatory, Washington 25, D.C., U.S.A.
- ADEL (Prof. A.), Atmospheric Research Observatory, Arizona State College, Flagstaff, Arizona, U.S.A.
- ADOLFSSON (Dr T.), Lund Observatory, Lund, Sweden.
- AGEKJAN (Prof. Dr J. A.), [Agekian], University of Leningrad, Leningrad, U.S.S.R.
- AHMED (Iman Ibrahim), Helwan Observatory, Helwan, near Cairo, Egypt.
- AHNERT (Dr P.), Sternwarte, Sonneberg, Thüringen, Germany.
- AKABANE (Dr K.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- AKSENOV (Dr E. P.), Sternberg Astronomical Institute, Moscow, U.S.S.R.
- AKSENT'eva (Mrs Dr Z. N.), [Aksentjeva], Director, Gravimetric Observatory of the Ukrainian Academy of Sciences, Poltava, U.S.S.R.
- ALANIJA (Dr I. F.), [Alania], Abastumani Astrophysical Observatory, Abastumani, Georgian S.S.R., U.S.S.R.
- ALEXANDER (Dr A. F. O'D.), 1 Athelstan Road, Dorchester, Dorset, England.
- ALFVÉN (Prof. H.), Royal Institute of Technology, Stockholm, Sweden.
- ALKSNIS (Dr A. K.), Astrophysical Laboratory, Latvian Academy of Sciences, Riga, U.S.S.R.
- ALLEN (Prof. C. W.), University of London Observatory, Mill Hill Park, London, N.W.7, England.
- ALLER (Prof. L. H.), Astronomy Department, University of California, Los Angeles, California 90024, U.S.A.
- ALLER (Dr R.), Observatorio Astronomico, Santiago, Spain.
- ALMÁR (Dr I.), Konkoly Observatory, Szabadsághegy, Budapest XII, Hungary.
- ALTER (Dr G.), Bet Yizhaq, near Natanya, Israel.
- ALY (Dr M. K. M.), Deputy Director, Helwan Observatory, Helwan, near Cairo, Egypt.
- AMBARCUMJAN (Prof. Dr V. A.), [Ambartsumian], President of the Academy of Sciences of Armenian S.S.R., Erevan, Armenia, U.S.S.R.
- ANDRILLAT (Prof. Dr H.), Laboratoire d'Astronomie de la Faculté des Sciences de Montpellier (Hérault), France.
- ANDRILLAT (Mme Dr Y.), Laboratoire d'Astronomie de la Faculté des Sciences de Montpellier (Hérault), France.
- ANGUITA (Dr C. A.), Universidad de Chile, Observatorio Astronómico Nacional, Casilla 36-D, Santiago, Chile.
- APPLETON (Sir Edward V.), The Old College, South Bridge, Edinburgh 8, Scotland.
- ARBEY (Prof. L. M. J.), Directeur, Observatoire de Besançon, Besançon (Doubs), France.
- ARENDE (Dr S. J. V.), Observatoire Royal de Belgique, 3 avenue Circulaire, Uccle-Brussels 18, Belgium.
- ARGUE (A. N.), The Observatories, Madingley Road, Cambridge, England.
- ARGYLE (P. E.), Dominion Radio Astrophysical Observatory, Box 248, Penticton, B.C., Canada.
- ARGYRAKOS (Prof. Dr J. G.), 193 Patission Street, Athens 816, Greece.
- ARP (Dr H. C.), Mount Wilson and Palomar Observatories, 813 Santa Barbara Street, Pasadena, California, U.S.A.
- ARROYO (Dr M. L.), Alfonso XII 3, Observatorio Astronómico, Madrid 7, Spain.
- ARSAC (Dr J.), Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- ARTHUR (D. W. G.), Lunar and Planetary Laboratory, University of Arizona, Tucson, Arizona, U.S.A.
- ARTJUHINA (Mrs Dr N. M.), [Artiukhina], Sternberg Astronomical Institute, Moscow, U.S.S.R.
- ASAAD (Dr A. S.), Helwan Observatory, Helwan, near Cairo, Egypt.
- ASHBROOK (Dr J.), 16 Summer Street, Weston 93, Massachusetts, U.S.A.
- ASTOPOVIČ (Dr I. S.), [Astapovich], Nikolsko-Botanitcheskaya, 15-17alog. 45, Kiev-33, U.S.S.R.

- ATANASIJEVIĆ (Dr I.), Faculty of Sciences, Department of Mechanics and Astronomy, Belgrade 550, Yugoslavia.
- ATHAY (Dr R. G.), High Altitude Observatory of the University of Colorado, Boulder, Colorado, U.S.A.
- ATKINSON (Dr R. d'E.), Astronomy Department, Indiana University, Swain Hall West, Bloomington, Indiana 47405, U.S.A.
- AVIGNON (Miss Dr Y.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- BABADŽANOV (Dr P. B.) [Babadjanov], Director, Astrophysical Institute, Dushanbe, U.S.S.R.
- BABCOCK (Dr H. D.), Mount Wilson and Palomar Observatories, 813 Santa Barbara Street, Pasadena, California, U.S.A.
- BABCOCK (Dr H. W.), Mount Wilson and Palomar Observatories, 813 Santa Barbara Street, Pasadena, California, U.S.A.
- BACCHUS (Prof. P.), 1 Impasse de l'Observatoire, Lille (Nord), France.
- BAEHR (Dr U.), Astronomisches Rechen-Institut, Mönchhofstrasse 12-14, Heidelberg, Germany.
- BAHNER (Dr K.), Landessternwarte, Königstuhl, Heidelberg, Germany.
- BAHNG (Prof. J. D. R.), Dearborn Observatory, Northwestern University, Evanston, Illinois, U.S.A.
- BAILLAUD (Prof. R.), 22 rue des Fontenottes, Besançon (Doubs), France.
- BAIRD (Dr K. M.), Division of Applied Physics, National Research Council, Sussex Drive, Ottawa, Ontario, Canada.
- BAIZE (Dr P.), 26 rue Daubigny, Paris-17e, France.
- BAKER (Dr J. G.), Harvard College Observatory, 60 Garden Street, Cambridge, Massachusetts, U.S.A.
- BAKER (Dr R. H.), 179 E. Villanova Drive, Claremont, California, U.S.A.
- BAKOS (Prof. G. A.), Dearborn Observatory, Northwestern University, Evanston, Illinois, U.S.A.
- BAKULIN (Dr P. I.), Sternberg Astronomical Institute, Moscow, U.S.S.R.
- BALÁZS (Dr B.), Konkoly Observatory, P.O. 114, Box 67, Budapest XII, Hungary.
- BALÁZS-DETRE (Mrs Dr J.), Konkoly Observatory, Szabadsághegy, Budapest XII, Hungary.
- BALDWIN (Dr J. E.), Cavendish Laboratory, Free School Lane, Cambridge, England.
- BALLARIO (Prof. M. C.), Osservatorio Astrofisico di Arcetri, via S. Leonardo 75, Florence, Italy.
- BALLI (Prof. Dr E.), University Observatory, Beyazit, Istanbul, Turkey.
- BALTÁ (Dr J.), Universidad de Madrid, Madrid, Spain.
- BANERJI (Dr A. C.), Muir Central College, Allahabad University, Allahabad, India.
- BAPPU (Dr M. K. Vainu), Director, Astrophysical Observatory, Kodaikanal, India.
- BARABAŠOV (Prof. Dr N. P.), [Barabashov], Director, Astronomical Observatory, Kharkov, U.S.S.R.
- BARANNE (A.), Observatoire de Marseille, 2 Place Le Verrier, Marseille-4e (Bouches-du-Rhône), France.
- BARBANIS (Dr B.), Astronomical Department, University of Thessaloniki, Thessaloniki, Greece.
- BARBER (D. R.), 'Lamacraft', Whitford, Axminster, Devon, England.
- BARHATOVA (Mrs Dr K. A.), [Barkhatova], State University, Sverdlovsk, U.S.S.R.
- BARLIER (F.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- BARNEY (Miss Dr I.), Yale University Observatory, Box 2023 Yale Station, New Haven, Connecticut, U.S.A.
- BARRELL (Dr H.), Standards Division, National Physical Laboratory, Teddington, Middlesex, England.
- BARRETO (Prof. L. M.), Observatorio Nacional, rua General Bruce, 586-Sao Cristóvao, Rio de Janeiro, Brazil.

- BARRETT (Dr A. H.), Research Laboratory of Electronics, Massachusetts Institute of Technology, Cambridge, Massachusetts 02139, U.S.A.
- BARROS (Prof. Dr M. G. P. de), Observatorio Astronomico, Universidade do Porto, Monte da Virgem, Vila Nova de Gaia, Portugal.
- BARTAJA (Mrs Dr R. A.), [Bartaya], Astrophysical Observatory, Abastumani, Georgia, U.S.S.R.
- BASCHEK (Dr B.), Institut für Theoretische Physik, Ohlshausenstrasse, Neue Universität, Bau C.4., 23 Kiel, Germany.
- BATES (Prof. D. R.), Department of Applied Mathematics, Queen's University, Belfast, Northern Ireland.
- BATESON (F. M.), Astronomer-in-Charge, Mount John University Observatory, P.O. Box 32, Lake Tekapo, New Zealand.
- BATRAKOV (Dr Ju. V.), [Batracov, Dr J. W.], Institute of Theoretical Astronomy, Leningrad, U.S.S.R.
- BATTEN (Dr A. H.), Dominion Astrophysical Observatory, Victoria, B.C., Canada.
- BAUER (C. A.), Pennsylvania State University, Department of Physics, State College, Pennsylvania, U.S.A.
- BAUSTIAN (W. W.), Kitt Peak National Observatory, 950 North Cherry Avenue, Tucson, Arizona, U.S.A.
- BAUM (Dr W. A.), Planetary Research Center, Lowell Observatory, Flagstaff, Arizona 86002, U.S.A.
- BEALS (Dr C. S.), Dominion Astronomer, Dominion Observatory, Ottawa, Ontario, Canada.
- BECK (H.-G.), Carl Zeiss Observatory, Jena, Germany.
- BECKER (Prof. Dr F.), Direktor der Universitäts-Sternwarte, Poppelsdorfer Allee 49, Bonn, Germany.
- BECKER (Prof. Dr W.), Astronomisch-Meteorologische Anstalt, Venusstrasse 7, Binningen (BL), Switzerland.
- BEER (Dr A.), The Observatories, Madingley Road, Cambridge, England.
- BEHR (Dr A.), Universitäts-Sternwarte, Geismarlandstrasse 11, Göttingen, Germany.
- BEL (Miss Dr N.), Institut d'Astrophysique, 98bis boulevard Arago, Paris-14e, France.
- BELL (Miss Dr B.), Harvard College Observatory, Cambridge, Massachusetts 02138, U.S.A.
- BELORIZKY (Dr D.), Observatoire de Marseille, 2 Place Le Verrier, 13-Marseille-4e, France.
- BELOTSERKOVSKY (Dr D. J.), Institute of Physico-Technical Measurements, Moscow, U.S.S.R.
- BERGER (Dr J.), Institut d'Astrophysique, 98bis boulevard Arago, Paris-14e, France.
- BERKNER (Dr L. V.), 3632 N.E. 24th Avenue, Fort Lauderdale, Florida, U.S.A.
- BERTAUD (Dr Ch.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- BERTIAU (Dr F. C.), Specola Vaticana, Castel Gandolfo, Vatican City State.
- BERTOLA (Dr F.), Osservatorio Astrofisico di Asiago (Vicenza), Italy.
- BEYER (Dr M.), Justus-Brinckmann-Strasse 101, Hamburg-Bergedorf, Germany.
- BHATNAGAR (Dr P. L.), Department of Applied Mathematics, Indian Institute of Science, Bangalore 3, South India.
- BIDELMAN (Dr W. P.), The Observatory, University of Michigan, Ann Arbor, Michigan, U.S.A.
- BIELICKI (Dr M.), Astronomical Observatory of Warsaw University, Al. Ujazdowskie 4, Warsaw, Poland.
- BIERMANN (Prof. Dr L.), Max-Planck-Institut für Physik und Astrophysik, Direktor des Instituts für Astrophysik, Föhringer Ring 6, 8 Munich 23, Germany.
- BIGAY (Dr J.), Observatoire de Lyon, Saint-Genis-Laval (Rhône), France.
- BILLAUD (G.), Observatoire de Paris, 61 avenue de l'Observatoire, Paris 14e, France.
- BILLINGS (Dr D. E.), High Altitude Observatory of the University of Colorado, Boulder, Colorado, U.S.A.

- BINNENDIJK (Prof. Dr L.), Flower and Cook Observatory, University of Pennsylvania, Philadelphia 4, Pennsylvania, U.S.A.
- BIRKENMAJER (Prof. A.), 23-25, rue Nowy Swiat, Warsaw, Poland.
- BLAAUW (Prof. Dr A.), Director, Kapteyn Astronomical Laboratory, Broerstraat 7, Groningen, The Netherlands.
- BLACKETT (Prof. P. M. S.), Imperial College of Science and Technology, South Kensington, London, S.W.7, England.
- BLACKWELL (Dr D. E.), University Observatory, Oxford, England.
- BLAHA (Dr M.), Astronomical Institute, Czechoslovak Academy of Sciences, Observatory Ondřejov, Czechoslovakia.
- BLAMONT (Prof. J. E.), Service d'Aéronomie, Réduit de Verrières, 91-Verrières-le-Buisson, France.
- BLANCO (Dr V. M.), Warner and Swasey Observatory, Case Institute of Technology, Taylor and Brunswick Roads, East Cleveland 12, Ohio, U.S.A.
- BLASER (Prof. J. P.), Swiss Institute of Technology, Gloriastrasse 5, Zürich, Switzerland.
- BLITZSTEIN (Dr W.), Flower and Cook Observatory, University of Pennsylvania, Philadelphia 4, Pennsylvania, U.S.A.
- BLOCH (Mlle Dr M.), Observatoire de Lyon, Saint-Genis-Laval (Rhône), France.
- BLUM (Dr E. J.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- BOBROV (Dr M. S.), Astronomical Council, U.S.S.R. Academy of Sciences, Vavilova Str. 20, Moscow V-312, U.S.S.R.
- BOBROVNIKOFF (Dr N. T.), The Ohio State University, Columbus, Ohio, U.S.A.
- BOGESS (Dr A. III), Goddard Space Flight Center, Washington 25, D.C., U.S.A.
- BOGORODSKIJ (Dr A. F.), [Bogorodsky], Astronomical Observatory of the Kiev University, Kiev, U.S.S.R.
- BÖHM (Prof. Dr K. H.), Lehrstuhl für Theoretische Astrophysik, Universität Heidelberg, Mönchhofstrasse 12-14, 69 Heidelberg, Germany.
- BÖHM-VITENSE (Mrs Dr E.), Lehrstuhl für Theoretische Astrophysik, Universität Heidelberg, Mönchhofstrasse 12-14, 69 Heidelberg, Germany.
- BÖHME (Dr S.), Astronomisches Rechen-Institut, Mönchhofstrasse 12-14, Heidelberg, Germany.
- BOHRMANN (Prof. Dr A.), Landessternwarte, Königstuhl, Heidelberg, Germany.
- BOISCHOT (Dr A.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- BOJARČUK (Dr A. A.), [Boyarchuk], Crimean Astrophysical Observatory, P/O Nauchny, Crimea, U.S.S.R.
- BOK (Prof. B. J.), Steward Observatory, University of Arizona, Tucson, Arizona 85721, U.S.A.
- BOK (Lie Rak), Director, Phyongyang Astronomical Observatory, Phyongyang, Korea.
- BOK (Mrs Dr P. F.), Steward Observatory, University of Arizona, Tucson, Arizona 85721, U.S.A.
- BOLTON (J. G.), Radiophysics Laboratory, C.S.I.R.O., University Grounds, Chippendale, N.S.W., Australia.
- BONANOMI (Dr J.), Directeur de l'Observatoire de Neuchâtel, Neuchâtel, Switzerland.
- BONDI (Dr H.), King's College, Strand, London, W.C.2, England.
- BONEFF (Prof. Dr N.), Section d'Astronomie, Académie des Sciences Bulgare, Sofia, Bulgaria.
- BONEV (B.), Observatoire Populaire, Stara-Zagora, Bulgaria.
- BONNOR (Prof. W. B.), Queen Elizabeth College, Campden Hill Road, London, W.8, England.
- BONOVA (A. D.), Université de Sofia, Sofia, Bulgaria.
- BONSACK (Prof. W. K.), Perkins Observatory, Box 321, Delaware, Ohio 43015, U.S.A.
- BORGMAN (Dr J.), Kapteyn Sterrewacht, Roden, The Netherlands.
- BOSMAN-CRESPIN (Mme D.), Institut d'Astrophysique, Université de Liège, Cointe-Sclessin (Liège), Belgium.
- BOTELHEIRO (Dr A.), Observatorio Astronomico, Lisbon, Portugal.

- BOUIGUE (Dr R.), Directeur, Observatoire de Toulouse, 1 avenue Camille-Flammarion, Toulouse (Haute-Garonne), France.
- BOULON (J.), Observatoire de Marseille, 2 Place Le Verrier, Marseille-4e, France.
- BOURGEOIS (Prof. P.), rue Paul Hankar 31, Uccle-Brussels 18, Belgium.
- BOUSKA (Dr J.), Astronomical Institute of the Charles University, Svédska 8, Prague 5-Smichov, Czechoslovakia.
- BOUVIER (P. B.), Observatoire de Genève, Geneva, Switzerland.
- BOWEN (Dr E. G.), Division of Radiophysics, C.S.I.R.O., University Grounds, Chippendale, N.S.W., Australia.
- BOWEN (Dr I. S.), Mount Wilson and Palomar Observatories, 813 Santa Barbara Street, Pasadena, California, U.S.A.
- BOYARCHUK (Dr A. A.), [see BOJARČUK].
- BOYD (Prof. R. L. F.), University College, Gower Street, London, W.C.1., England.
- BOYER (Dr L.), Observatoire de Nice, Le Mont-Gros, Nice (Alpes-Maritimes) France.
- BRACEWELL (Prof. R. N.), Radio Astronomy Institute, Stanford University, Stanford, California U.S.A.
- BRAES (L. L. E.), University Observatory, Sterrenwacht, Leiden, The Netherlands.
- BRAHDE (R.), Institute of Theoretical Astrophysics, Boks Blindern, Oslo 3, Norway.
- BRANDT (Dr J. C.), Institute for Space Studies, 2880 Broadway, New York, New York 10025, U.S.A.
- BRANSCOMB (Dr L. M.), National Bureau of Standards, Washington 25, D.C., U.S.A.
- BRAY (Dr R. J.), National Standards Laboratory, C.S.I.R.O., University Grounds, Sydney, N.S.W., Australia.
- BREALEY (G. A.), Dominion Observatory, Ottawa, Ontario, Canada.
- BRETZ (Miss Dr M.), c/o Observatoire de Marseille, 2 Place Le Verrier, Marseille-4e, France.
- BRICARD (Dr J.), Maître de Conférences à la Faculté des Sciences de Paris, Institut de Physique du Globe, 191 rue Saint-Jacques, Paris-5e, France.
- BRKIĆ (Z. M.), Astronomska Observatorija, Veliki Vracar, Beograd, Yugoslavia.
- BROGLIA (Dr P.), Osservatorio Astronomico, Merate (Como), Italy.
- BROWN (Dr R. Hanbury), Nuffield Radio Astronomy Laboratories, Jodrell Bank, Macclesfield, Cheshire, England.
- BROWN (Dr Harrison), Division of Geological Sciences, California Institute of Technology, Pasadena, California, U.S.A.
- BROWNLEE (Dr R. R.), P.O. Box 1663, Los Alamos, New Mexico, U.S.A.
- BRÜCK (Prof. H. A.), Astronomer Royal for Scotland, Royal Observatory, Blackford Hill, Edinburgh 9, Scotland.
- BRÜCK (Mrs Dr M. T.), Royal Observatory, Blackford Hill, Edinburgh 9, Scotland.
- BRÜCKNER (Dr G.), Universitäts-Sternwarte, Geismarlandstrasse 11, 34 Göttingen, Germany.
- BRUMBERG (Dr V. A.), Institute of Theoretical Astronomy, U.S.S.R. Academy of Sciences, Leningrad, U.S.S.R.
- BRUWER (J. A.), Republic Observatory, Johannesburg, South Africa.
- BRUZEK (Dr A.), Fraunhofer-Institut, Schöneckstrasse 6, Freiburg i. Br., Germany.
- BUCHAR (Prof. Dr E.), Astronomical Institute, Technical University, Karlovo nám. 13, Prague 2, Czechoslovakia.
- BULLARD (Sir Edward C.), University of Cambridge, Department of Geodesy and Geophysics, Madingley Rise, Madingley Road, Cambridge, England.
- BULLEN (Prof. K. E.), Department of Applied Mathematics, University of Sydney, Sydney, N.S.W., Australia.
- BUMBA (Dr V.), Astronomical Institute, Czechoslovak Academy of Sciences, Observatory Ondřejov, Czechoslovakia.
- BURBIDGE (Mrs Dr E. M.), University of California, La Jolla, California, U.S.A.

- BURBIDGE (Dr G. R.), University of California, La Jolla, California, U.S.A.
- BURCH (Dr C. R.), H. H. Royal Fort Wills Physics Laboratory, Bristol 8, England.
- BURGESS (Dr A.), University College, Gower Street, London, W.C.1, England.
- BURKE (Dr B. F.), Department of Terrestrial Magnetism, Carnegie Institution of Washington, Washington, D.C., U.S.A.
- BUSBRIDGE (Miss Dr I. W.), St Hugh's College, Oxford, England.
- BUSCOMBE (Dr W.), Mount Stromlo Observatory, Canberra, A.C.T., Australia.
- BUTLER (Dr H. E.), Royal Observatory, Blackford Hill, Edinburgh 9, Scotland.
- CADARSO (L.), Instituto Geografico, Madrid, Spain.
- CALAMAI (Prof. G.), Osservatorio Astrofisico di Arcetri, Florence, Italy.
- CAMERON (Dr A. G. W.), Institute for Space Studies, 475 Riverside Drive, New York 27, N.Y., U.S.A.
- CAMICHEL (Dr H.), Observatoire de Toulouse, Toulouse (Haute-Garonne), France.
- CAMM (Dr G. L.), Department of Mathematics, The University, Manchester 13, England.
- CANAVAGGIA (Mlle Dr R.), Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- CANDY (M. P.), Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.
- CAPRIOLI (Dr G.), Osservatorio Astronomico di Monte Mario, via Trionfale 204, Rome, Italy.
- CARDUS (Rvd°. P. J.), Observatorio del Ebro, Tortosa, Spain.
- CARR (Dr T. D.), Department of Physics, University of Florida, Gainesville, Florida, U.S.A.
- CARRASCO (Dr R.), Director del Observatorio de Madrid, Madrid, Spain.
- CARROLL (Sir John A.), Deputy Controller (R. and D.), Admiralty, Whitehall, London, S.W.1, England.
- CARSON (Dr T. R.), University Observatory, Buchanan Gardens, St Andrews, Fife, Scotland.
- CAYREL (Dr R.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- CAYREL-DE-STROBEL (Mme Dr G.), Institut d'Astrophysique, 98bis boulevard Arago, Paris-14e, France.
- CECCARELLI (Prof. M.), Istituto di Fisica Generale, Università di Bologna, Italy.
- CECCHINI (Prof. G.), Direttore dell'Osservatorio Astronomico di Torino, in Pino Torinese, Italy.
- CEPLECHA (Dr Z.), Astronomical Institute, Czechoslovak Academy of Sciences, Observatory Ondřejov, Czechoslovakia.
- CESCO (Dr C. U.), Observatorio Félix Aguilar, Facultad de Ingeniería, Universidad Nacional de Cuyo, San Juan, Argentina.
- CESCO (Dr R. P.), Observatorio Astronómico, La Plata, Argentina.
- CESTER (Dr B.), Osservatorio Astronomico, via G. B. Tiepolo, 15, Trieste (409), Italy.
- CHALONGE (Dr D.), Institut d'Astrophysique, 98bis boulevard Arago, Paris-14e, France.
- CHAMBERLAIN (Prof. J. W.), Kitt Peak National Observatory, P.O. Box 4130, Tucson, Arizona 85717, U.S.A.
- CHANDRASEKHAR (Prof. S.), Yerkes Observatory, Williams Bay, Wisconsin, U.S.A.
- CHAPMAN (Prof. S.), High Altitude Observatory of the University of Colorado, Boulder, Colorado, U.S.A.
- CHAVIRA (E.), Observatorios de Tonantzintla y Tacubaya, Apartado Postal 25264, Ciudad Universitaria, Mexico 20, D.F., Mexico.
- CHEBOTAREV (Prof. G. A.) [see ČEBOTAREV].
- CHIS (Prof. G.), Observatoire Astronomique, rue de la République 109, Cluj, Rumania.
- CHOPINET (Mlle M.), Observatoire de l'Université de Bordeaux, Floirac (Gironde), France.
- CHRISTIANSEN (Prof. W. N.), School of Electrical Engineering, University of Sydney, Sydney, N.S.W., Australia, Vice-President of the Union.
- CHRISTY (Prof. R. F.), Physics Department, California Institute of Technology, Pasadena, California, U.S.A.

- CHUBB (Dr T. A.), 5023 N. 38th Street, Arlington 7, Virginia, U.S.A.
- CHUDOVICHEVA (Mrs Dr N. A.) [see ČUDOVÍČEVA]
- CHUVAEV (Dr K. K.), [see ČUVAEV].
- CHVOJKOVÁ (Dr E.), Astronomical Institute, Czechoslovak Academy of Sciences, Budečská 6, Prague 2, Czechoslovakia.
- CICHOWICZ (Dr L.), Polytechnic School, Koszykowa 75, Warsaw, Poland.
- CILLIÉ (Prof. G. G.), Department of Mathematics, University of Stellenbosch, Cape Province, South Africa.
- CIMINO (Prof. M.), Direttore, Osservatorio Astronomico su Monte Mario, Rome, Italy.
- CIMMERMAN (Prof. Dr G. K.) [Zimmermann], Nikolaiev Observatory, Nikolaiev, U.S.S.R.
- CISEVIĆ (Prof. Dr V. P.) [Tsesevich], Director, Astronomical Observatory, Odessa, U.S.S.R.
- CLEMENCE (Dr G. M.), Yale University Observatory, Box 2023 Yale Station, New Haven, Connecticut, U.S.A.
- CODE (A. D.), 6524 Sterling Hall, University of Wisconsin, Madison, Wisconsin, U.S.A.
- COHEN (Dr M. H.), Phillips Hall, Cornell University, Ithaca, New York, U.S.A.
- COLLINDER (Dr P.), Odensgatan 5B, IV, Uppsala, Sweden.
- COLLINSON (E. H.), Culpho End, Culpho, Ipswich, Suffolk, England.
- CONNES (Mme J.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- CONTOPoulos (Prof. Dr G.), Astronomical Department, University of Thessaloniki, Thessaloniki, Greece.
- CONWAY (Dr R. G.), Nuffield Radio Astronomy Laboratories, Jodrell Bank, Macclesfield, Cheshire, England.
- COOK (Dr A. F.), Harvard College Observatory, Cambridge 38, Massachusetts, U.S.A.
- COOK (Dr A. H.), National Physical Laboratory, Teddington, Middlesex, England.
- COSTAIN (Dr C. H.), Dominion Radio Astrophysical Observatory, Penticton, B.C., Canada.
- COUDER (Dr A.), Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- COUDERC (Dr P.), Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- COURTÈS (Dr G.), Observatoire de Marseille, 2 Place Le Verrier, 13-Marseille-4e, France.
- COUSINS (Dr A. W. J.), Royal Observatory, Observatory, Cape Province, South Africa.
- COUTEAU (Dr P. C.), Observatoire de Nice, Le Mont-Gros, Nice (Alpes-Maritimes), France.
- COUTREZ (Prof. Dr R. A. J.), Department of Radio-Astronomy and Solar Physics, Observatoire Royal de Belgique, 3 avenue Circulaire, Uccle-Brussels 18, Belgium.
- COVINGTON (A. E.), National Research Council, Ottawa, Ontario, Canada.
- COWLING (Prof. T. G.), Department of Mathematics, The University, Leeds 2, England.
- COX (Dr A. N.), Box 1663, Los Alamos, New Mexico, U.S.A.
- COX (Prof. J. F.), Recteur Honoraire, Professeur Honoraire, 351 avenue Louise, Brussels, Belgium.
- COX (Dr J. P.), Joint Institute for Laboratory Astrophysics, 1511 University Avenue, Boulder, Colorado, U.S.A.
- CRAWFORD (Dr D. L.), Kitt Peak National Observatory, 950 North Cherry Avenue, Tucson, Arizona, U.S.A.
- CRISTALDI (Dr S.), Piazza Vaccarini 11, Catania, Italy.
- CSADA (Dr I. K.), Konkoly Observatory, Konkoly Thege U. 13-17, Budapest XII, Hungary.
- CUFFEY (J.), Goethe Link Observatory, Indiana University, Bloomington, Indiana, U.S.A.
- CUNNINGHAM (L. E.), Department of Astronomy, University of California, Berkeley 4, California, U.S.A.
- CUREA (Prof. Dr I.), Recteur de l'Université de Timisoara, Timisoara, Rumania.
- CZYZAK (Dr S.), Aeronautical Research Laboratory, Wright-Patterson Air Force Base, Dayton, Ohio, U.S.A.

- ČEBOTAREV (Prof. G. A.), [Chebotarev], Institute of Theoretical Astronomy, Leningrad B-164, U.S.S.R.
- ČEKIRDA (Dr A. T.), [Tchekirda], Kharkov Observatory, Kharkov, U.S.S.R.
- ČENAKAL (Dr V. L.), [Tchenakal], Lomonosov Museum, Academy of Sciences of the U.S.S.R., Leningrad, U.S.S.R.
- ČUDOVICHEVA (Mrs Dr N. A.), [Chudovicheva], Engelhardt Observatory, Kazan, U.S.S.R.
- ČUVAEV (Dr K. K.), [Chuvaev], Crimean Astrophysical Observatory, P/O Nauchny, Crimea, U.S.S.R.
- DADAEV (Dr A. N.), Pulkovo Observatory, Leningrad, U.S.S.R.
- DAENE (Dr H.), Astrophysikalisches Observatorium Potsdam, Abtlg. Radioastronomie, Tremsdorf (Potsdam-land), Germany.
- DALLAPORTA (Prof. N.), Istituto di Fisica Teorica, Università di Padova, Italy.
- DANBY (Dr J. M. A.), Yale University Observatory, Box 2023 Yale Station, New Haven, Connecticut, U.S.A.
- DANIELSON (Dr R. E.), Princeton University Observatory, Princeton, New Jersey, U.S.A.
- DANJON (Prof. A.), Directeur Honoraire de l'Observatoire de Paris, 13 rue de l'Odéon, Paris-6e, France.
- DA SILVA (Dr A. V. C. S.), Observatorio Astronomico da Universidade, Santa Clara, Coimbra, Portugal.
- DAUBE-KURZEMNIECE (Mrs Dr I. A.), Astrophysical Laboratory of the Academy of Sciences of the Latvian S.S.R., Riga, U.S.S.R.
- DAUVILLIER (Prof. A.), Observatoire du Pic-du-Midi, par Bagnères-de-Bigorre (Hautes-Pyrénées), France.
- DAVIES (Dr J. G.), Nuffield Radio Astronomy Laboratories, Jodrell Bank, Macclesfield, Cheshire, England.
- DAVIES (Dr R. D.), Nuffield Radio Astronomy Laboratories, Jodrell Bank, Macclesfield, Cheshire, England.
- DAVIS (Dr J.), Department of Physics, University of Sydney, Sydney, N.S.W., Australia.
- DAVIS, Jr. (Prof. L.), Physics Department, California Institute of Technology, Pasadena, California, U.S.A.
- DAVIS (Dr M. S.), Yale University, Computer Center, 60 Sachem Street, New Haven, Connecticut 06520, U.S.A.
- d'AZAMBUJA (Dr L.), Laclotte, Quartier Arribourdès, Salies-de-Béarn (Basses-Pyrénées), France.
- d'AZAMBUJA (Mme M. L.), Laclotte, Quartier Arribourdès, Salies-de-Béarn (Basses-Pyrénées), France.
- DÉBARBAT (Mlle S.), Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- DECAUX (B.), Bureau International de l'Heure, Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- DE FEITER (L. D.), Astronomical Observatory 'Sonnenborgh', Zonnenburg 2, Utrecht, The Netherlands.
- DE GROOT (M.), Astronomical Observatory 'Sonnenborgh', Zonnenburg 2, Utrecht, The Netherlands.
- DE JAGER (Dr C.), Astronomical Observatory 'Sonnenborgh', Zonnenburg 2, Utrecht, The Netherlands.
- DEJČ (Prof. Dr A. N.), [Deutsch], Pulkovo Observatory, Leningrad M-140, U.S.S.R.
- DE KOCK (R. P.), Royal Observatory, Observatory, Cape Province, South Africa.
- DE KORT, S. J. (Rev. Dr J.), Department of Astronomy, Faculty of Science, Catholic University, Driebruizerweg 200, Nijmegen, The Netherlands.
- DELBOUILLE (L.), Institut d'Astrophysique, Université de Liège, Cointe-Sclessin (Liège), Belgium.

- DELHAYE (Prof. J.), Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- DELSEMME (Dr A. H.), 14, rue du Général Pershing, Versailles, France.
- DE MARCUS (Prof. W. C.), Department of Physics, University of Kentucky, Lexington, Kentucky, U.S.A.
- DEMARQUE (Dr P. R.), David Dunlap Observatory, Richmond Hill, Ontario, Canada.
- DEMETRESCU (Dr G.), Directeur, Observatoire de Bucarest, 5 rue Cutitul de Argint, Bucarest, Rumania.
- DE MORAES (Dr A.), Caixa Postal 30 627, São Paulo, SP, Brazil.
- DE MOTTONI (Dr Ing. G.), via Fratelli Rosselli 15-23, Genoa, Italy.
- DENISSE (Dr J. F.), Directeur, Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- DENNISON (Dr E. W.), Mount Wilson and Palomar Observatories, 813 Santa Barbara Street, Pasadena, California, U.S.A.
- DERMUL (Am.), Résidence Oosterveld Joséphine-Charlottelei 81, Wilrijk-Antwerp, Belgium.
- DESSY (Dr J. Landi), Observatorio Nacional Argentino, Córdoba, Argentina.
- DETRE (Dr L.), Director, Konkoly Observatory, Szabadsághegy, Budapest XII, Hungary.
- DEUTSCH (Dr A. J.), Mount Wilson and Palomar Observatories, 813 Santa Barbara Street, Pasadena, California, U.S.A.
- DEUTSCH (Prof. A. N.) [see DEJČ].
- DE VAUCOULEURS (Prof. G.), Department of Astronomy, University of Texas, Austin 12, Texas, U.S.A.
- DEWHIRST (Dr D. W.), The Observatories, Madingley Road, Cambridge, England.
- DEWITT (Dr J. H.), Arthur J. Dyer Observatory, Vanderbilt University, Nashville 5, Tennessee, U.S.A.
- DEZSÓ (Prof. L.), Heliophysical Observatory of the Hungarian Academy of Sciences, Debrecen 10, Hungary.
- DIBAJ (Dr E. A.), [Dibay], Sternberg Astronomical Institute, Moscow, U.S.S.R.
- DICK (Prof. Dr J.), Rote Kreuz-Strasse 7, Potsdam-Babelsberg 2, Germany.
- DIECKVOSS (Dr W.), Hamburger Sternwarte, Hamburg-Bergedorf, Germany.
- DIETER (Mrs Dr N. H.), Radio Astronomy Laboratory, University of California, Berkeley, California 94720, U.S.A.
- DIJKSTERHUIS (Dr E. J.), Wagnerlaan 27, Bilthoven, The Netherlands.
- DIMITROFF (Prof. G. Z.), Shattuck Observatory, Dartmouth College, Hanover, New Hampshire, U.S.A.
- DINGENS (Prof. P. S. A.), Sterrenkundig Institut, J. Plateaustraat 22, Gent, Belgium.
- DINGLE (Prof. H.), 104 Downs Court Road, Purley, Surrey, England.
- DINUȚESCU (Prof. N.), Directeur-adjoint de l'Observatoire de Bucarest, 5 rue Cutitul de Argint, Bucarest, Rumania.
- DIVAN (Mlle Dr L.), Institut d'Astrophysique, 98bis boulevard Arago, Paris-14e, France.
- DIZER (Prof. Dr M.), Astronomical Observatory, Kandilli, Istanbul, Turkey.
- DJURKOVIĆ (P. M.), Astronomical Observatory, Volgina 7, Belgrade, Yugoslavia.
- DOBROVRANIN (Dr P. P.), Crimean Astrophysical Observatory, P/O Nauchny, Crimea, U.S.S.R.
- DOBROVOL'SKIJ (Dr O. V.) [Dobrovolsky], Institute of Astrophysics, Dushanbe, U.S.S.R.
- DODSON-PRINCE (Mrs Dr H. W.), McMath Hulbert Observatory, University of Michigan, Pontiac 4, Michigan, U.S.A.
- DOLIDZE (Dr M. V.), Abastumani Observatory, Abastumani, Georgia, U.S.S.R.
- DOLLFUS (Dr A.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- DOMBROVSKIJ (Dr V. A.), [Dombrovsky], Leningrad University Observatory, Leningrad, U.S.S.R.
- DOMINKO (Prof. Dr F.), Saranovičeva 11, Ljubljana, Yugoslavia.

- DOMMANGET (Dr J.), Observatoire Royal de Belgique, 3 avenue Circulaire, Uccle-Brussels 18, Belgium.
- DONITCH (N.), Address unknown.
- DOS REIS (Prof. M.), Director of the Observatory, Coimbra, Portugal.
- DOSSIN (Dr F.), European Southern Observatory, Am Bahnhof 21, 205 Hamburg 80, Germany.
- DOUGLAS (Dr A. E.), Division of Physics, National Research Council, Ottawa, Ontario, Canada.
- DOUGLAS (Miss Dr A. V.), Queen's University, Kingston, Ontario, Canada.
- DOUGLAS (Prof. J. N.), Department of Astronomy, The University of Texas, Austin, Texas, U.S.A.
- DRAKE (Prof. F. D.), Department of Astronomy, Cornell University, Ithaca, New York 14850, U.S.A.
- DRÂMBĂ (Prof. Dr C.), Observatoire de Bucarest, 5 rue Cutitul de Argint, Bucarest 28, Rumania.
- DROFA (Dr V. K.), Astronomical Observatory, Kiev University, Kiev, U.S.S.R.
- DUBOIS-CHEVALLIER (Mme R.), Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- DUBOŠIN (Prof. Dr G. N.), [Duboshin], Sternberg Astronomical Institute, Moscow, U.S.S.R.
- DUBOV (Dr E. E.), Crimean Astrophysical Observatory, P/O Nauchny, Crimea, U.S.S.R.
- DUCHESNE (Dr M.), Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- DUERKSEN (J. A.), Chief of the Section of Gravity and Astronomy, U.S. Coast and Geodetic Survey, Washington 25, D.C., U.S.A.
- DUFAY (Prof. J.), Directeur, Observatoire de l'Université de Lyon, Saint-Genis-Laval (Rhône), France.
- DUFAY (M.), Institut de Physique Générale de la Faculté des Sciences de Lyon, 18 quai Claude Bernard, Lyon (Rhône), France.
- DUFLOT (Mme Dr M.), Observatoire de Marseille, 2 Place Le Verrier, 13-Marseille-4e, France.
- DUNCOMBE (Dr R. L.), Director, Nautical Almanac Office, U.S. Naval Observatory, Washington, D.C. 20390, U.S.A.
- DUNHAM, Jr. (Dr T.), Department of Physics, University of Tasmania, Hobart, Tasmania, Australia.
- DUNN (Dr R. B.), Sacramento Peak Observatory, Sunspot, New Mexico, U.S.A.
- DYER (Dr E. R.), National Academy of Sciences, 2101 Constitution Avenue, N.W., Washington 25, D.C., U.S.A.
- DŽAPIAŠVILI (Dr V. P.) [Dzhapiaschvili], Abastumani Observatory, Abastumani, Georgia, U.S.S.R.
- DZIGVAŠVILI (Dr R. M.) [Dzivashvili], Abastumani Astrophysical Observatory, Georgian Academy of Sciences, Abastumani, U.S.S.R.
- EBBIGHAUSEN (Prof. E. G.), Department of Physics, University of Oregon, Eugene, Oregon, U.S.A.
- ECKERT (Dr W. J.), Watson Scientific Computing Bureau, 612 West 115th Street, New York, N.Y. 10025, U.S.A.
- EDLÉN (Prof. B.), Fysiska Institutionen, Lund, Sweden.
- EDMONDS (Dr F. N.), Department of Astronomy, The University of Texas, Austin, Texas 78712, U.S.A.
- EDMONDSON (Dr F. K.), Director, Goethe Link Observatory, Indiana University, Bloomington, Indiana, U.S.A.
- EELSALU (Dr H. T.), Institute of Physics and Astronomy, Estonian Academy of Sciences, Tartu, U.S.S.R.
- EFREMOV (Dr Ju. I.) [Dr Yu. I.], Astronomical Council, U.S.S.R. Academy of Sciences, Vavilova Str. 20, Moscow V-312, U.S.S.R.

- EGGEN (Dr O. J.), Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.
- EICHHORN (Prof. H. K.), Department of Astronomy, University of South Florida, Tampa, Florida 33549, U.S.A.
- EJNASTO (Dr J. E.) [Einasto], Institute of Physics and Astronomy of the Estonian S.S.R. Academy of Sciences, Tartu, U.S.S.R.
- ELGARÖY (Dr Ö.), Institute of Theoretical Astrophysics, Boks Blindern, Oslo 3, Norway.
- ELLIS (Prof. G. R. A.), University of Tasmania, Hobart, Tasmania, Australia.
- ELSÄSSER (Prof. Dr H.), Director, Landessternwarte, Heidelberg-Königstuhl, Germany.
- ELSTE (Dr G.), Universitäts-Sternwarte, Geismarlandstrasse 11, Göttingen, Germany.
- ELVEY (Dr C. T.), Geophysical Institute, University of Alaska, College, Alaska, U.S.A.
- ELVIUS (Mrs Dr A. M.), Astronomiska Observatoriet, Uppsala, Sweden.
- ELVIUS (Dr T.), Astronomiska Observatoriet, Uppsala, Sweden.
- ELWERT (Prof. Dr G.), Astronomisches Institut der Universität, Gmelinstrasse 6, Tübingen, Germany.
- ENGELHARD (Dr E.), Physikalische-Technische Bundesanstalt, Bundesallee 100, (zob) Braunschweig, Germany.
- ENSLIN (H.), Deutsches Hydrographisches Institut, Hamburg, Germany.
- EPSTEIN (Dr I.), Rutherford Observatory, Columbia University, New York 27, N.Y., U.S.A.
- ERIKSEN (G.), Institute of Theoretical Astrophysics, University of Oslo, Blindern, Norway.
- ERICKSON (Dr W. C.), University of Maryland, Department of Physics and Astronomy, College Park, Maryland, U.S.A.
- ERPYLEV (Dr N. P.), Astronomical Council, U.S.S.R. Academy of Sciences, Vavilova Str. 20, Moscow V-312, U.S.S.R.
- ESHLEMAN (Prof. V. R.), Radioscience Laboratory, Stanford University, Stanford, California, U.S.A.
- ESKIOĞLU (Dr A. N.) Fen Fakültesi, Astronomi, Ankara, Turkey.
- ESSEN (Dr L.), National Physical Laboratory, Teddington, Middlesex, England.
- EVANS (Dr D. S.), Royal Observatory, Observatory, Cape Province, South Africa.
- EVANS (Dr J. W.), Director, Sacramento Peak Observatory, Sunspot, New Mexico 88349, U.S.A.
- EVODKIMOV (Dr Ju. V.) [Dr Yu. V.], Astronomical Observatory, Kazan University, Kazan, U.S.S.R.
- EWEN (Dr H. I.), Ewen Knight Corporation, Oak and Pine Streets, East Natick, Massachusetts, U.S.A.
- EZER (Mrs Dr D.), Research Associate, Institute for Space Studies, 475 Riverside Drive, New York 27, N.Y., U.S.A.
- EZERSKIJ (Dr V. I.) [Ezersky], Astronomical Observatory, Kharkov University, Kharkov, U.S.S.R.
- FABRE (Dr H.), Observatoire de Nice, Le Mont-Gros, Nice (Alpes-Maritimes), France.
- FATCHIKHIN (Dr N. V.), Pulkovo Observatory, Leningrad, U.S.S.R.
- FAYET (Dr G.), 3 villa Hallé, 36 rue Hallé, Paris-14e, France.
- FAZIO (Dr G. G.), Smithsonian Astrophysical Observatory, 60 Garden Street, Cambridge, Massachusetts 02138, U.S.A.
- FEAST (Dr M. W.), Radcliffe Observatory, P.O. Box 373, Pretoria, South Africa.
- FEBRER (Dr J.), Observatorio Fabra, Barcelona, Spain.
- FEDOROV (Prof. E. P.), Director, Main Astronomical Observatory, Academy of Sciences, Ukrainian S.S.R., Kiev 41, U.S.S.R.
- FEDYNSKIJ (Prof. Dr V. V.), [Fedynsky], Astronomical Council, U.S.S.R. Academy of Sciences, Vavilova Str. 20, Moscow V-312, U.S.S.R.

- FEHRENBACH (Prof. Ch.), Directeur de l'Observatoire de Marseille, 2 Place Le Verrier, 13-Marseille-4e, France.
- FELBER (Dr H.-J.), Academy Observatory, Babelsberg, Germany.
- FELENBOK (P.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- FELLGETT (Dr P. B.), Department of Applied Physical Sciences, University of Reading, White-knights Park, Reading, Berks, England.
- FENKART (Dr R. P.), Astronomisch-Meteorologische Anstalt der Universität Basel (Binningen), Switzerland.
- FERNIE (Dr J. D.), David Dunlap Observatory, Richmond Hill, Ontario, Canada.
- FERRARI D'OCCHIEPO (Prof. Dr K.), Universitäts-Sternwarte, Türkenschanzstrasse 17, Vienna XVIII 110, Austria.
- FERRARO (Prof. V. C. A.), Queen Mary College, University of London, Mile End Road, London, E.1., England,
- FESENKOV (Prof. Dr V. G.), Meteorite Committee, U.S.S.R. Academy of Sciences, Stroiteley Street 3, Building 1, Doorway 2, Moscow W-313, U.S.S.R.
- FESENKOVA (Mrs Prof. Dr E. V.), Astronomical Council, U.S.S.R. Academy of Sciences. Vavilova Str. 20, Moscow V-312, U.S.S.R.
- FICHERA (Prof. E.), Osservatorio Astronomico di Capodimonte, Naples, Italy.
- FIELD (Dr G. B.), Princeton University Observatory, 14 Prospect Avenue, Princeton, New Jersey, U.S.A.
- FIELDER (Dr G.), University of London Observatory, Mill Hill Park, London, N.W.7, England.
- FILLIOZAT (Dr J.), Professeur au Collège de France, 11 Place Marcellin-Berthelot, Paris-5e, France.
- FINDLAY (Dr J. W.), National Radio Astronomy Observatory, P.O. Box 2, Green Bank, West Virginia, U.S.A.
- FINSEN (Dr W. S.), Director, Republic Observatory, Johannesburg, South Africa.
- FIREMAN (Dr E. L.), Smithsonian Astrophysical Observatory, 60 Garden Street, Cambridge 38, Massachusetts, U.S.A.
- FIROR (Dr J. W.), High Altitude Observatory of the University of Colorado, Boulder, Colorado, U.S.A.
- FITCH (Dr W. S.), Steward Observatory, University of Arizona, Tucson, Arizona, U.S.A.
- FLECKENSTEIN (Prof. Dr J. O.), Directeur de l'Institut d'Histoire des Sciences et des Techniques de l'Ecole Polytechnique de Munich et Docent à l'Université de Bâle, Institut Mathématique, Basle, Switzerland.
- FLEISCHER (Dr R.), 3712 Garfield Street, N.W., Washington, D.C. 20007, U.S.A.
- FOCAS (Dr J. H.), Centre de Documentation des Petites Planètes, Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- FOKKER (Dr A. D.), Sterrewacht 'Sonnenborgh', Servaas Bolwerk 13, Utrecht, The Netherlands.
- FORD (Dr W. K., Jr.), Department of Terrestrial Magnetism, Carnegie Institution of Washington, Washington, D.C., U.S.A.
- FORTINI (Prof. T.), Osservatorio Astronomico, Rome, Italy.
- FOWLER (Prof. W. A.), California Institute of Technology, 1201 East California Street, Pasadena, California, U.S.A.
- Fox (W. E.), 40 Windsor Road, Newark, Nottinghamshire, England.
- FRACASTORO (Prof. M. G.), Direttore, Osservatorio Astrofisico, Catania (Sicily), Italy.
- FRANK-KAMENECKIJ (Prof. D. A.), [Frank-Kamenetsky], Institute for Atomic Energy of the U.S.S.R. Academy of Sciences, Moscow, U.S.S.R.
- FRANZ (Dr O. G.), Lowell Observatory, Flagstaff, Arizona 86002, U.S.A.
- FREDRICK (Prof. L. W.), Leander McCormick Observatory, University of Virginia, Charlottesville, Virginia 22903, U.S.A.
- FRESA (Prof. A.), Osservatorio di Capodimonte, Naples, Italy.

- FRICKE (Prof. Dr W.), Direktor, Astronomisches Rechen-Institut, Mönchhofstrasse 12-14, Heidelberg, Germany. Vice-President of the Union.
- FRIEDMAN (Dr H.), Code 7320, U.S. Naval Research Laboratory, Washington 25, D.C., U.S.A.
- FRINGANT (Miss Dr A. M.), Institut d'Astrophysique, 98bis, boulevard Arago, Paris-14e, France.
- FUCHS (Prof. Dr J.), Universitäts-Sternwarte, Universitätsstrasse 4, Innsbrück, Austria.
- FUJITA (Dr Y.), Department of Astronomy, Faculty of Science, University of Tokyo, Bunkyo-ku, Tokyo, Japan.
- GADOMSKI (Dr J.), Astronomical Observatory, Al. Ujazdowskie 4, Warsaw, Poland.
- GAIZAUSKAS (Dr V.), Dominion Observatory, Ottawa, Ontario, Canada.
- GALLET (R. M.), National Bureau of Standards, Boulder, Colorado, U.S.A.
- GALLOUËT (Dr L.), Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- GALPERIN (Dr G. I.), Institute of Physics of the Atmosphere, B. Gruzinskaya 10, Moscow, U.S.S.R.
- GALT (Dr A. J.), Dominion Radio Astrophysical Observatory, Box 248, Penticton, B.C., Canada.
- GAMA (Dr L. I.), Observatorio Nacional, R. General Bruce 586, S. Cristovão, Rio de Janeiro, Brazil.
- GAMOW (Prof G.), Professor of Physics, University of Colorado, Boulder, Colorado, U.S.A.
- GAPOSCHKIN (Dr S.), Harvard College Observatory, Cambridge 38, Massachusetts, U.S.A.
- GARDNER (Dr F. F.), Division of Radiophysics, C.S.I.R.O., University Grounds, Chippendale, N.S.W., Australia.
- GARFINKEL (Dr B.), Ballistic Research Laboratories, Aberdeen Proving Ground, Maryland, U.S.A.
- GARSTANG (Dr R. H.), Joint Institute for Laboratory Astrophysics, University of Colorado, Boulder, Colorado 80304, U.S.A.
- GARTLEIN (Dr C. W.), Department of Physics, Cornell University, Ithaca, New York, U.S.A.
- GASCOIGNE (Dr S. C. B.), Mount Stromlo Observatory, Canberra, A.C.T., Australia.
- GAUZIT (Dr J.), Observatoire de Lyon, Saint-Genis-Laval (Rhône), France.
- GAVIOLA (Dr E.), Instituto Fisico Balseiro, Bariloche, Rio Negro, Argentina.
- GEAKE (Dr J. E.), Faculty of Technology, University of Manchester, Manchester 1, England.
- GEHRELS (Dr T.), Lunar and Planetary Laboratory, University of Arizona, Tucson, Arizona, U.S.A.
- GENARD (J.), Université d'Elisabethville, Elisabethville-Katanga, Congo.
- GENTILI DE GIUSEPPE (M.), Observatoire du Pic-du-Midi, par Bagnères-de-Bigorre (Hautes-Pyrénées), France.
- GEYER (Dr E. H.), Landessternwarte, Königstuhl, 69 Heidelberg, Germany.
- GIANNUZZI (Prof. M. A.), Corso Matteotti 190, Albano, Rome, Italy.
- GICLAS (H. L.), Lowell Observatory, Flagstaff, Arizona, U.S.A.
- GINGERICH (Dr O. J.), Smithsonian Astrophysical Observatory, 60 Garden Street, Cambridge 38, Massachusetts, U.S.A.
- GINZBURG (Prof. V. L.), Corresponding Member of the U.S.S.R. Academy of Sciences, Physical Institute, Leninsky Prospect 53, Moscow, U.S.S.R.
- GIOVANELLI (Dr R. G.), National Standards Laboratory, C.S.I.R.O., University Grounds, Sydney, N.S.W., Australia.
- GJELLESTAD (Miss G.), Universitetet i Bergen, Geofysisk Institutt, Avd. C., Bergen, Norway.
- GLEISBERG (Prof. Dr W.), Buchenweg 12, 6375 Oberstedten (Taunus), Germany.
- GLIESE (Dr W.), Astronomisches Rechen-Institut, Mönchhofstrasse 12-14, 69 Heidelberg, Germany.
- GNEVYŠEV (Dr M. N.), [Gnevyshev], Astronomical Observatory, Leningrad M-140, U.S.S.R.
- GNEVYŠEVA (Mrs Dr R. S.), [Gnevysheva], Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.

- GODART (Prof. O.), Université de Louvain, 10 rue Père Damien, Brussels 14, Belgium.
- GODOLI (Prof. Dr G.), Osservatorio Astrofisico di Arcetri, via S. Leonardo 75, Florence, Italy.
- GÖKDOĞAN (Prof. Dr Mrs N.), Director, University Observatory, Beyazit, Istanbul, Turkey.
- GÖKMEN (Dr T.), Kandilli Observatory, Cengelköy, Istanbul, Turkey.
- GOLAY (Prof M.), Directeur de l'Observatoire de Genève, Geneva, Switzerland.
- GOLD (Prof. T.), Newman Laboratory of Nuclear Studies, Cornell University, Ithaca, New York, U.S.A.
- GOLDBERG (Prof. L.), Harvard College Observatory, Cambridge 38, Massachusetts, U.S.A.
- GOLDSWORTHY (Prof. F. A.), Department of Mathematics, University of Leeds, Leeds 2, Yorkshire, England.
- GOLLNOW (Dr H.), Mount Stromlo Observatory, Canberra, A.C.T., Australia.
- GOMES (Dr A. M.), University of Brazil, rua Ipiranga, 25-40 Andar, Rio de Janeiro, ZC-01, Brazil.
- GONDOLATSCH (Prof. Dr F.), Astronomisches Rechen-Institut, Mönchhofstrasse 12-14, Heidelberg, Germany.
- GONZALÉZ (G.), Observatorio Astronómico, Universidad Nacional de Mexico, Tonantzintla, Mexico.
- GORBACKIJ (Dr V. G.), [Gorbatzky], Leningrad University Observatory, Leningrad, U.S.S.R.
- GORDON (Dr J. E.), Director, Nikolaiev Observatory, Nikolaiev, U.S.S.R.
- GORGOLEWSKI (Dr S.), Astronomical Observatory, N. Copernicus University, Sienkiewicza 30, Toruń, Poland.
- GORYNJA (Dr A. A.), [Gorinja], Kiev University Observatory, Kiev, U.S.S.R.
- GORŠKOV (Prof. Dr P. M.), [Gorshkov], State University, Leningrad, U.S.S.R.
- GOSSNER (Mrs S. D.), U.S. Naval Observatory, Washington 25, D.C., U.S.A.
- GOTTLIEB (K.), Mount Stromlo Observatory, Canberra, A.C.T., Australia.
- GOUGENHEIM (Prof. A.), Directeur, Service Hydrographique de la Marine, 30 boulevard Flandrin, Paris-16e, France.
- GRAHL (Dr B. H.), Universitäts-Sternwarte Bonn/Rhein, Poppelsdorfer Allee 49, Bonn, Germany.
- GRANDMONTAGNE (Dr R.), Faculté des Sciences, 18 quai Claude Bernard, Lyon (Rhône), France.
- GRANDON (Prof. R.), Carlos Edwards 1270, Santiago de Chile, Chile.
- GRATTON (Prof. L.), Laboratorio di Astrofisica, Casella Postale 67, Frascati, Rome, Italy.
- GREEN (Prof. L. C.), Strawbridge Observatory, Haverford College, Haverford, Pennsylvania 19041, U.S.A.
- GREENBERG (Dr J. M.), Department of Physics, Rensselaer Polytechnic Institute, Troy, New York, U.S.A.
- GREENSTEIN (Prof. J. L.), Mount Wilson and Palomar Observatories, 1201 East California Street, Pasadena, California, U.S.A.
- GRiffin (Dr R. F.), University Observatories, Madingley Road, Cambridge, England.
- GROTH (Dr H. G.), Universitäts-Sternwarte München, Sternwartstrasse 23, 8 Munich, Germany.
- GRZEDZIELSKI (Dr S.), Astronomical Observatory of Warsaw University, Al. Ujazdowskie 4, Warsaw, Poland.
- GUÉRIN (Dr P.), Institut d'Astrophysique, 98bis, boulevard Arago, Paris-14e, France.
- GUIGAY (Dr G.), Observatoire de Marseille, 2 Place Le Verrier, 13-Marseille-4e, France.
- GUINOT (Dr B.), Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- GULLÓN (Dr E.), Observatorio Astronómico de Madrid, Spain.
- GÜNTHER (Dr O.), Astrophysical Observatory, Potsdam, Germany.
- GÜNTZEL-LINGNER (Dr U.), Astronomisches Rechen-Institut, Mönchhofstrasse 12-14, Heidelberg, Germany.

- GURTOVENKO (Dr E. A.), Main Astronomical Observatory, Ukrainian Academy of Sciences, Kiev, U.S.S.R.
- GURZADJAN (Dr G. A.), [Gurzadian], Burakan Astrophysical Observatory, Erevan, Armenia, U.S.S.R.
- GUTH (Dr V.), Astronomical Institute, Czechoslovak Academy of Sciences, Observatory Ondřejov, Czechoslovakia.
- GUTHRIE (B. N. G.), The Royal Observatory, Blackford Hill, Edinburgh 9, Scotland.
- GUTIERREZ-MORENO (Mrs Dr A.), Observatorio Astronómico de la Universidad de Chile, Casilla 36-D, Santiago de Chile, Chile.
- GYLDENKERNE (K.), Universitets Observatoriet, Brorfelde, pr. Tølløse, Denmark.
- HAAS (Prof. Dr J.), Universitäts-Sternwarte Bonn, Poppelsdorfer Allee 49, 53 Bonn, Germany.
- HABIBULLIN (Prof. Dr Š. T.), [Habibulin], Director, Astronomical Observatory of State University, Lenina 18, Kazan, U.S.S.R.
- HACHENBERG (Prof. Dr O.), Radiosternwarte Bonn, Poppelsdorfer Allee 49, 53 Bonn, Germany.
- HACK (Prof. Dr M. H.), Director, Astronomical Observatory, via Tiepolo 11, Trieste, Italy.
- HADDOCK (Dr F.), The Observatory, University of Michigan, Ann Arbor, Michigan, U.S.A.
- HAFFNER (Prof. Dr H.), Hamburger Sternwarte, Hamburg-Bergedorf, Germany.
- HAGEN (Dr J. P.), Professor of Radio Astronomy, The Pennsylvania State University, University Park, Pennsylvania 16802, U.S.A.
- HAGIHARA (Prof. Y.), Department of Astronomy, Faculty of Science, University of Tokyo, Bunkyo-ku, Tokyo, Japan. Vice-President of the Union.
- HAJKIN (Prof Dr S. E.), [Khaikin], Pulkovo Observatory, Leningrad, U.S.S.R.
- HALL (Dr J. S.), Director, Lowell Observatory, Flagstaff, Arizona, U.S.A.
- HALL (Dr R. G.), U.S. Naval Observatory, Washington, D.C. 20390, U.S.A.
- HALLAM (Dr K. L.), Solar Physics Branch, NASA, Goddard Space Flight Center, Greenbelt, Maryland, U.S.A.
- HALLIDAY (Dr I.), Dominion Observatory, Ottawa, Ontario, Canada.
- HAMID (Dr S. El-Din), Department of Astronomy, Faculty of Science, University Fouad, Giza, Cairo, Egypt.
- HANSSON (N.), Lund Observatory, Lund, Sweden.
- HARADZE (Prof. Dr E. K.), [Kharadze], Director, Astrophysical Observatory, Abastumani, Georgia, U.S.S.R.
- HARANG (Prof. L.), Institute of Theoretical Astrophysics, University of Oslo, Blindern, Norway.
- HARDIE (Dr R. H.), Dyer Observatory, Vanderbilt University, Nashville 5, Tennessee, U.S.A.
- HARDORP (Dr J.), Hamburger Sternwarte, 205 Hamburg-Bergedorf, Germany.
- HARGREAVES (F. J.), Mirastelle, Woodland Way, Kingswood, Surrey, England.
- HARO (Dr G.), Observatorio Astronómico Nacional, Apartado Postal 70264, Ciudad Universitaria, Mexico 20, D.F., Mexico. Vice-President of the Union.
- HARRIS (B. J.), Perth Observatory, Bickley, Western Australia.
- HARROWER (Dr G. A.), Department of Physics, Queen's University, Kingston, Ontario, Canada.
- HARTZ (Dr T. R.), Telecommunications Division, Defence Research Board, Ottawa, Ontario, Canada.
- HARWOOD (Miss M.), 'The Hutch', Nantucket, Massachusetts 02554, U.S.A.
- HASER (Dr L.), Max-Planck-Institut für Physik und Astrophysik, Föhringer Ring 6, 8 Munich 23, Germany.
- HATTORI (Dr A.), Kwasan Observatory, University of Kyoto, Yamashina, Kyoto, Japan.
- HAUG (Dr U.), Astronomisches Institut der Universität, Waldhäuserstrasse 64, 74 Tübingen, Germany.

- HAUPT (Dr H. F.), Universitäts-Sternwarte Wien, Türkenschanzstrasse 17, Vienna XVIII/110, Austria.
- HAUPT (R. F.), U.S. Naval Observatory, Washington, D.C. 20390, U.S.A.
- HAVTASI (Dr J. Š.), Institute of Cybernetics, Academy of Sciences, Chijadze Str. 6, Tbilisi, Georgia, U.S.S.R.
- HAWKINS (Dr G. S.), Harvard College Observatory, Cambridge 38, Massachusetts, U.S.A.
- HAYASHI (Prof. C.), Department of Nuclear Science, Faculty of Science, Kyoto University, Kyoto, Japan.
- HEARD (Dr J. F.), Director, David Dunlap Observatory, Richmond Hill, Ontario, Canada.
- HECKMANN (Prof. Dr O.), Direktor der Hamburger Sternwarte, Hamburg-Bergedorf, Germany.
- HEDDLE (Dr D. W. O.), University College, Gower Street, London W.C.1, England.
- HEDEMAN (Miss E. R.), McMath-Hulbert Observatory, Lake Angelus Road, Pontiac, Michigan, U.S.A.
- HEESCHEN (Dr D. S.), National Radio Astronomy Observatory, Edgemont Diary Road, Charlottesville, Virginia 22901, U.S.A.
- HEIDMANN (Dr J.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon France.
- HEINEMANN (Prof. Dr K.), Bergstrasse 77, 69 Heidelberg, Germany.
- HEINTZ (Dr W. D.), University Observatory, Sternwartstrasse 23, Munich 27, Germany.
- HEISKANEN (Prof. V. A.), Geodetic Institute, Helsinki, Finland.
- HELPFER (Dr H. L.), Department of Physics and Astronomy, University of Rochester, Rochester, New York, U.S.A.
- HELLMAN (Prof. C. D.), Pratt Institute, Brooklyn, New York 11205, U.S.A.
- HEMENWAY (Dr C. L.), 140 S. Lake Avenue, Albany, New York, U.S.A.
- HENIZE (Dr K. G.), Dearborn Observatory, Northwestern University, Evanston, Illinois, U.S.A.
- HENN (Miss F.), Astronomisches Rechen-Institut, Mönchhofstrasse 12-14, Heidelberg, Germany.
- HÉNON (M.), Institut d'Astrophysique, 98bis boulevard Arago, Paris-14e, France.
- HENYEEY (Prof. L. G.), Astronomical Department, University of California, Berkeley 4, California, U.S.A.
- HERBIG (Dr G. H.), Lick Observatory, Mount Hamilton, California, U.S.A.
- HERCZEG (Dr T.), Hamburger Sternwarte, Hamburg-Bergedorf, Germany.
- HERGET (Dr P.), Cincinnati Observatory, Observatory Place, Cincinnati, Ohio 45208, U.S.A.
- HERLOFSON (Prof. N.), Royal Institute of Technology, Stockholm 70, Sweden.
- HERMAN (Mme Dr R.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- HERRICK (Dr S.), University of California, Los Angeles 24, California, U.S.A.
- HERS (J.), Republic Observatory, Johannesburg, South Africa.
- HERTZ (Dr H. G.), 2112 Florida Avenue, N.W., Washington 8, D.C., U.S.A.
- HERTZSPRUNG (Prof. E.), Villavej 6, Tølløse, Denmark.
- HERZBERG (Dr G.), Director, Division of Pure Physics, National Research Council, Sussex Drive, Ottawa, Ontario, Canada.
- HEWISH (Dr A.), Cavendish Laboratory, Free School Lane, Cambridge, England.
- HEY (Dr J. S.), Falconhurst, 12 Lodge Drive, Malvern, Worcestershire, England,
- HEYDEN S. J. (Dr. F. J.), Georgetown College Observatory, Washington 7, D.C., U.S.A.
- HIBBS (A. R.), Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, U.S.A.
- HILL (Dr E. R.), Division of Radiophysics, C.S.I.R.O., University Grounds, Chippendale, N.S.W., Australia.
- HILTNER (Dr W. A.), Yerkes Observatory, Williams Bay, Wisconsin, U.S.A.
- HINDMAN (J. V.), Division of Radiophysics, C.S.I.R.O., University Grounds, Chippendale, N.S.W., Australia.

- HINDMARSH (Prof. W. R.), Physics Department, The University, Newcastle upon Tyne 1, England.
- HINTEREGGER (Dr H. E.), Air Force Cambridge Research Laboratories, L. G. Hanscom Field, Bedford, Massachusetts, U.S.A.
- HIROSE (Dr H.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- HIRST (P. W.), Water's Edge, Greenbanks Road, Rondebosch, Cape Province, South Africa.
- HITOTUYANAGI (Prof. Dr Z.), Department of Astronomy, Faculty of Science, Tohoku University, Sendai, Japan.
- HOAG (Dr A. A.), Kitt Peak National Observatory, P.O. Box 4130, Tucson, Arizona 85717, U.S.A.
- HODGE (Prof. P. W.), Astronomy Department, University of Washington, Seattle, Washington 98105, U.S.A.
- HOFFLEIT (Miss Dr E. D.), Yale University Observatory, Box 2023 Yale Station, New Haven, Connecticut, U.S.A.
- HOFFMEISTER (Prof. Dr C.), Direktor der Sternwarte, Sonneberg, Thüringen, Germany.
- HÖG (E.), Hamburger Sternwarte, 205 Hamburg, 80, Germany.
- HÖGBOM (Dr J. A.), University Observatory, Sterrenwacht, Leiden, The Netherlands.
- HOHLOVA (Mrs Dr V. L.), [Khokhlova], Astronomical Council, U.S.S.R. Academy of Sciences, Vavilova Str. 20, Moscow V-312, U.S.S.R.
- HOLMBERG (Prof. E. B.), Director of the Observatory, Uppsala, Sweden.
- HOLOPOV (Dr P. N.), [Kholopov], Astronomical Council, U.S.S.R. Academy of Sciences, Vavilova Str. 20, Moscow V-312, U.S.S.R.
- HOOGHOUDT (B. G.), University Observatory, Sterrenwacht, Leiden, The Netherlands.
- HOPMANN (Prof. Dr J.), Universitäts-Sternwarte Wien, Türkenschanzstrasse 17, Vienna 18/110, Austria.
- HOPPE (Prof. Dr J.), Sternwarte Babelsberg, Potsdam-Babelsberg, Germany.
- HORI (Dr G.), Yale University Observatory, Box 2023 Yale Station, New Haven, Connecticut, U.S.A.
- HORN D'ARTURO (Prof. G.), Osservatorio Astronomico di Bologna, Bologna, Italy.
- HOTINLI (Dr M.), University Observatory, Beyazit, Istanbul, Turkey.
- HOOUTGAST (Dr J.), Astronomical Observatory 'Sonnenborgh', Zonnenburg 2, Utrecht, The Netherlands.
- HOZIAUX (Dr L.), Institut d'Astrophysique, Université de Liège, Cointe-Sclessin (Liège), Belgium.
- HOWARD (Dr R. F.), Mount Wilson and Palomar Observatories, 813 Santa Barbara Street, Pasadena, California, U.S.A.
- HOWARD (Dr W. E. III), National Radio Astronomy Observatory, Green Bank, West Virginia, U.S.A.
- HOYLE (Prof. F.), St. John's College, Cambridge, England.
- HUANG (Dr Su-Shu), Dearborn Observatory, Northwestern University, Evanston, Illinois 60201, U.S.A.
- HUBENET (H.), Astronomical Observatory 'Sonnenborgh', Zonnenburg 2, Utrecht, The Netherlands.
- HUFFER (Dr C. M.), San Diego State College, Department of Astronomy, San Diego 15, California, U.S.A.
- HUGHES (Dr V. A.), Department of Physics and Astronomy, Queen's University, Kingston, Ontario, Canada.
- HUMASON (M. L.), 301 Poinsettia Avenue, Corona del Mar 7, California, U.S.A.
- HUMPHREYS (C. J.), Head, Research Department, U.S. Naval Ordnance Laboratory, Corona, California, U.S.A.

- HUNAERTS (Dr J. J.), Observatoire Royal de Belgique, 3 avenue Circulaire, Uccle-Brussels 18, Belgium.
- HUNGER (Dr K.), Institut für Theoretische Physik, Technische Hochschule, Hannover, Germany.
- HUNTEM (Dr D. M.), Kitt Peak National Observatory, P.O. Box 4130, Tucson, Arizona 85717, U.S.A.
- HUNTER (Dr A.), Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.
- HURUHATA (Prof. M.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- HYNEK (Dr J. A.), Dearborn Observatory, Northwestern University, Evanston, Illinois, U.S.A.
- IBEN (Dr I., Jr.), Kellogg Radiation Laboratory, California Institute of Technology, 1201 East California Street, Pasadena, California 91109, U.S.A.
- IDLIS (Dr G. M.), Astrophysical Institute, Alma Ata, U.S.S.R.
- IJIMA (Dr S.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- IKAUNIEKS (Dr J.), Director, Astrophysical Laboratory, Academy of Sciences, Turgeneva 19, Riga, Latvija, U.S.S.R.
- IKEDA (Dr T.), International Latitude Observatory, Mizusawa-shi, Iwate-ken, Japan.
- IKHSANOVA (Mrs Dr V. N.), Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- INGHAM (Dr M. F.), Department of Astrophysics, University Observatory, South Parks Road, Oxford, England.
- INGRAO (H. C.), Harvard College Observatory, Cambridge 38, Massachusetts, U.S.A.
- IOANNISIANI (Dr B. K.), Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- IRIARTE (B.), Tonantzintla and Tacubaya Observatories, Mexico.
- IRWIN (Prof. J. B.), Carnegie Institution of Washington, Casilla 61-D, La Serena, Chile.
- IŠČENKO (Dr M. M.), [Istchenko], Astronomical Observatory, Tashkent, U.S.S.R.
- ITZIGSOHN (M.), Observatorio Astronómico, La Plata, Argentina.
- IVANOV (Dr V. V.), Astronomical Observatory, Leningrad University, Leningrad, U.S.S.R.
- IVANOV-KHOLODNY (Dr G. S.), Institute of Applied Geophysics, Academy of Sciences of the U.S.S.R., Moscow, U.S.S.R.
- IWANISZEWSKA-LUBIENSKA (Mrs C.), Astronomical Observatory, Sienkiewicza 30, Toruń, Poland.
- IWANOWSKA (Miss Prof. W.), Astronomical Observatory, Sienkiewicza 30, Toruń, Poland.
- JACCHIA (Dr L.), Smithsonian Astrophysical Observatory, 60 Garden Street, Cambridge 38, Massachusetts, U.S.A.
- JACKISCH (Dr G.), Sternwarte, Sonneberg (Thüringen), Germany.
- JACKSON (C.), Yale-Columbia Station, Mount Stromlo Observatory, Canberra, A.C.T., Australia.
- JACKSON (Dr P.), Universitäts-Sternwarte Wien, Türkenschanzstrasse 17, Vienna XVIII, Austria.
- JACOBSEN (Prof. T. S.), University of Washington, Seattle 5, Washington, U.S.A.
- JACQUINOT (P.), Laboratoire de Bellevue, 1 Place Aristide-Briand, Bellevue, 92-Meudon, France.
- JÄGER (Prof. Dr F. W.), Astrophysikalisches Observatorium, Telegrafenberge, Potsdam, Germany.
- JAHONTOVA (Mrs Dr N. Samojlova), [Yakhontova], Institute of Theoretical Astronomy, Leningrad, U.S.S.R.
- JAKIMIEC (Dr J.), Wroclaw University Astronomical Institute, Kopernika 11, Wroclaw 9, Poland.
- JAKOVKIN (Prof. Dr A. A.), [Yakovkin], Main Astronomical Observatory of the Academy of Sciences of the Ukrainian S.S.R., Kiev 41, U.S.S.R.

- JAKOVKIN (Dr N. A.), [Yakovkin], Kiev University Observatory, Kiev, U.S.S.R.
- JÁNOSSY (Prof. L.), Director, Central Physical Institute of Budapest, Budapest, Hungary.
- JÄRNEFELT (Prof. G. J.), Director of the Observatory, Helsinki, Finland.
- JARRETT (Dr A. H.), Department of Applied Mathematics, Queen's University, Belfast, Northern Ireland.
- JASCHEK (Dr C. O. R.), Observatorio Astronómico, La Plata, Argentina.
- JASCHEK (Mrs Dr M.), Observatorio Astronómico, La Plata, Argentina.
- JASTROW (Dr R.), 4201 Cathedral Avenue N.W., Washington, D.C., U.S.A.
- JAVET (Prof. Dr. P.), Chantemerle 19, 1010 Lausanne, Switzerland.
- JAVNEL' (Dr A. A.), Meteorite Committee, U.S.S.R. Academy of Sciences, Moscow, U.S.S.R.
- JEFFERIES (Dr J. T.), Hawaii Institute of Geophysics, 2525 Correa Road, University of Hawaii, Honolulu, Hawaii 96822, U.S.A.
- JEFFERS (Dr H. M.), Lick Observatory, Mount Hamilton, California, U.S.A.
- JEFFREYS (Lady), Girton College, Cambridge, England.
- JEFFREYS (Sir Harold), 160 Huntingdon Road, Cambridge, England.
- JELLEY (Dr J. V.), Nuclear Physics Division, Building 8, Atomic Energy Research Establishment, Harwell, Didcot, Berkshire, England.
- JENKINS (Miss L. F.), Yale University Observatory, Box 2023 Yale Station, New Haven, Connecticut, U.S.A.
- JENSCH (A.), Carl Zeiss Observatory, Jena, Germany.
- JENSEN (Prof. E.), Institute of Theoretical Astrophysics, Boks Blindern, Oslo 3, Norway.
- JOHNSON (Dr H. L.), Lunar and Planetary Laboratory, University of Arizona, Tucson, Arizona, U.S.A.
- JOHNSON (Dr H. M.), Dept. 52-10, Bldg. 203, Lockheed Missiles and Space Co., 3251 Hanover Street, Palo Alto, California, U.S.A.
- JOHNSON (Prof. H. R.), Department of Astronomy, Swain Hall West, University of Indiana, Bloomington, Indiana, U.S.A.
- JOHNSON (Dr M. C.), Department of Physics, University, Edgbaston, Birmingham 15, England.
- JONCKHEERE (R.), 34 boulevard National, 13-Marseille 1er, France.
- JONES (A. F.), 14 Main Road, Tahunanui, Nelson, New Zealand.
- JOY (Dr A. H.), Mount Wilson and Palomar Observatories, 813 Santa Barbara Street, Pasadena, California, U.S.A.
- JUGAKU (Dr J.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- JUNKES S. J. (Dr J.), Specola Vaticana, Castel Gandolfo, Vatican City State.
- KABURAKI (Prof. M.), Department of Astronomy, Faculty of Science, University of Tokyo, Yayoicho, Bunkyo-ku, Tokyo, Japan.
- KADLA (Mrs Dr Z.), Pulkovo Observatory, Leningrad M-140, U.S.S.R.
- KAHN (Dr F. D.), Department of Astronomy, The University, Manchester 13, England.
- KAHRSTEDT (Prof. Dr A.), Potsdamer Str. 43, 1 Berlin 45, Germany.
- KAIDANOVSKIJ (Dr N. L.), [Kaidanovsky], Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- KAKINUMA (Dr T.), Research Institute of Atmospherics, Nagoya University, Toyokawa, Aichi, Japan.
- KALANDADZE (Mrs Dr N. B.), Astrophysical Observatory, Abastumani, Georgia, U.S.S.R.
- KALINJAK (Dr A. A.), [Kalinjak], Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- KALINKOV (M.), Section d'Astronomie de l'Académie Bulgare des Sciences, rue du 7 novembre n°1, Sofia, Bulgaria.
- KALMYKOV (Dr A. M.), Tashkent Astronomical Observatory, Uzbek Academy of Sciences, Tashkent, U.S.S.R.

- KAMIENSKI (Prof. Dr M.), Kopernik's Str. N. 8/18, Apart. 2, Warsaw, Poland.
- KAO (Dr Ping-tse), 12 Lane 65, Ling-I Str., Taipei, Taiwan.
- KAPLAN (Dr J.), Department of Physics, University of California, Los Angeles, California, U.S.A.
- KAPLAN (L.), Jet Propulsion Laboratory, 4800 Oak Grove Drive, Pasadena, California, U.S.A.
- KAPLAN (Prof. S. A.), Radio Physical Research Institute of Gorki University, Gorki, U.S.S.R.
- KARANDIKAR (Dr R. V.), Director, Nizamiah Observatory, Begumpet, Hyderabad-16, India.
- KARDAŠEV (Dr N. S.), Sternberg Astronomical Institute, Moscow, U.S.S.R.
- KARIMOV (Dr M. G.), Astrophysical Institute, Alma Ata, U.S.S.R.
- KARJAGINA (Miss Dr Z. V.), [Karyagina], Astrophysical Institute, Alma Ata, U.S.S.R.
- KASTLER (Prof. A.), Ecole Normale Supérieure, 45 rue d'Ulm, Paris-5e, France.
- KATASEV (Dr L. A.), Commission on Comets and Meteors, Astronomical Council, U.S.S.R.
Academy of Sciences, Vavilova Str. 20, Moscow V-312, U.S.S.R.
- KATSIS (Dr D. N.), 12 rue Varnis, Nea Smyrne, Athens, Greece.
- KAWAGUCHI (Dr I.), Kawasan Observatory, University of Kyoto, Yamashina, Kyoto, Japan.
- KAZÈS (Dr I.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- KAZIMIRČAK-POLONSKAJA (Mrs Dr E. I.), [Kazimirchak-Polonskaya], Institute of Theoretical Astronomy, U.S.S.R. Academy of Sciences, Leningrad, U.S.S.R.
- KEENAN (Dr P. C.), Perkins Observatory, Delaware, Ohio 43015, U.S.A.
- KELLER (Dr G.), Program Director for Astronomy, National Science Foundation, Washington 25, D.C., U.S.A.
- KELLOG (Dr W. W.), National Center for Atmospheric Research, Boulder, Colorado, U.S.A.
- KEPINSKI (Prof. F.), Ul. Nowowiejska 22, apt. 15, Warsaw 10, Poland.
- KERES (Prof. H. P.), University of Tartu, L. Koidula 6, Tartu, Estonia, U.S.S.R..
- KERR (Dr F. J.), Radiophysics Laboratory, C.S.I.R.O., University Grounds, Chippendale, N.S.W., Australia.
- KESSLER (Dr K. G.), Atomic Physics Division, National Bureau of Standards 1300, Washington, D.C. 20234, U.S.A.
- KHAIKIN (Prof. Dr S. E.), [see HAJKIN].
- KHARADZE (Prof. Dr E. K.), [see HARADZE].
- KHAVTASSI (Dr J. Sh.), [see HAVTASI].
- KHOKHOLOVA (Mrs Dr V. L.), [see HOHLOVA].
- KHOLOPOV (Dr P. N.), [see HOLOPOV].
- KIANG (Dr T.), University of London Observatory, Mill Hill Park, London, N.W.7, England.
- KIENLE (Prof. Dr H. G.), Ege Universitesi, Fen Fakültesi, Astronomi Kürsüsü, Bornova Izmir, Turkey.
- KIEPENHEUER (Prof. Dr K. O.), Direktor des Fraunhofer-Instituts, Schöneckstrasse 6, Freiburg i. Br., Germany.
- KIESS (Dr C. C.), Georgetown College Observatory, Washington 7, D.C., U.S.A.
- KING (Dr H. C.), 'Arnon', Devonshire Avenue, Amersham-on-the-Hill, Buckinghamshire, England.
- KING (Dr I. R.), Astronomy Department, University of California, Berkeley, California, U.S.A.
- KING (Dr R. B.), Department of Physics, California Institute of Technology, Pasadena, California, U.S.A.
- KINMAN (T. D.), Lick Observatory, Mount Hamilton, California, U.S.A.
- KIPPENHAHN (Prof. R.), Universitäts-Sternwarte Göttingen, Geismarlandstrasse 11, 34 Göttingen, Germany.
- KIPPER (Prof. Dr A. J.), Director, Institute for Physics and Astronomy of the Academy of Sciences of the Estonian S.S.R., Tartu, U.S.S.R.
- KIRAL (Dr A.), University Observatory, Beyazit, Istanbul, Turkey.
- KISELEV (Dr A. A.), Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- KITAMURA (Dr M.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.

- KIZILIRMAK (Dr A.), Department of Astronomy, Ege University, Faculty of Sciences, Bornova, Izmir, Turkey.
- KLECZEK (Dr J.), Astronomical Institute, Czechoslovak Academy of Sciences, Observatory Ondřejov, Czechoslovakia.
- KLIMISHIN (Dr I. A.), Astronomical Observatory, Lvov University, Lvov, U.S.S.R.
- KNOX-SHAW (Dr H.), Fresh Woods, Elgin, Cape Province, South Africa.
- KOCH (Dr R. H.), Department of Astronomy, Amherst College, Amherst, Massachusetts, U.S.A.
- KOEBCKE (Dr F.), Astronomical Observatory, Śloneczna 36, Poznan, Poland.
- KOELBLOED (Dr D.), Astronomical Institute, Roetersstraat 1a, Amsterdam-C, The Netherlands.
- KÖHLER (Prof. Dr H.), Sauerbruchstrasse 6, Heidenheim a.d. Brenz, Germany.
- KOHLSCHÜTTER (Prof. Dr A.), Königstrasse 16, Bonn, Germany.
- KOHOUTEK (Dr L.), Astronomical Institute, Czechoslovak Academy of Sciences, Budečka 6, Prague 2, Czechoslovakia.
- KÖNIG (Dr A.), Mühlamm 9, 6904 Ziegelhausen, Germany.
- KONOPLEVA (Dr V. P.), Main Astronomical Observatory, Academy of Sciences, Ukrainian S.S.R., Kiev 127, U.S.S.R.
- KONOVOVIĆ (Dr E. V.), [Konovich], Sternberg Astronomical Institute, Moscow, U.S.S.R.
- KOPAL (Prof. Z.), Department of Astronomy, The University, Manchester 13, England.
- KOPECKÝ (Dr M.), Astronomical Institute, Czechoslovak Academy of Sciences, Observatory Ondřejov, Czechoslovakia.
- KOPYLOV (Dr I. M.), Crimean Astrophysical Observatory, P/O Nauchny, Crimea, U.S.S.R.
- KORDYLEWSKI (Dr K.), Astronomical Observatory, Kopernika 27, Cracow, Poland.
- KOROL'KOV (Dr D. V.), Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- KOSTYLEV (Dr K. V.), Engelhardt Observatory, Kazan, U.S.S.R.
- KOTHARI (Dr D. S.), Department of Physics, University of Delhi, New Delhi, India.
- KOTSAKIS (Dr D.), 189 Hippocrates Street, Athens (7), Greece.
- KOURGANOFF (Prof. V.), Faculté des Sciences, Service d'Astronomie, 91-Orsay, France.
- KOVAL' (Dr I. K.), Main Astronomical Observatory, Ukrainian Academy of Sciences, Kiev, U.S.S.R.
- KOVALEVSKY (Dr J.), Bureau des Longitudes, 3, rue Mazarine, Paris-6e, France.
- KOWATCHEW (B. J.), Section d'Astronomie de l'Académie Bulgare des Sciences, rue du 7 novembre n°1, Sofia, Bulgaria.
- Kox (Dr H.), Hamburger Sternwarte, Hamburg-Bergedorf, Germany.
- KOZAI (Dr Y.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- KOZIEL (Prof. Dr K.), Professor of Astronomy, Jagellonian University, Kopernika 27/3, Cracow, Poland.
- KOZYREV (Dr N. A.), Pulkovo Observatory, Leningrad, U.S.S.R.
- KRAFT (Dr R. P.), Mount Wilson and Palomar Observatories, 813 Santa Barbara Street, Pasadena, California, U.S.A.
- KRANJC (Dr A.), Osservatorio Astronomico di Bologna, Italy.
- KRASOVSKIJ (Prof. Dr V. I.), [Krassovsky], Box 1269, Moscow K9, U.S.S.R.
- KRAT (Prof. V. A.), Pulkovo Observatory, Leningrad M-140, U.S.S.R.
- KRAUS (Dr J. D.), Radio Observatory, Ohio State University, Columbus, Ohio, U.S.A.
- KRAUSHAAR (Prof. W. L.), 20 Holden Wood Road, Concord, Massachusetts, U.S.A.
- KRÉSAK (Dr L.), Astronomical Institute, Slovak Academy of Sciences, Box 1122, Ul. Obrancov mieru 41, Bratislava, Czechoslovakia.
- KRINOV (Dr E. L.), Committee on Meteorites, Academy of Sciences, Osipenko 52, Moscow 127, U.S.S.R.
- KRISTENSON (Dr H.), Ole Rømer Observatory, Aarhus C, Denmark.

- KŘIVSKÝ (Dr L.), Astronomical Institute, Czechoslovak Academy of Sciences, Observatory Ondřejov, Czechoslovakia.
- KROGDAHL (Prof. W. S.), Department of Astronomy, University of Kentucky, Lexington, Kentucky, U.S.A.
- KRON (Dr G. E.), U.S. Naval Observatory, Flagstaff Station, Flagstaff, Arizona 96002, U.S.A.
- KRON (Mrs K. G.), P.O. Box 217, Flagstaff, Arizona 86002, U.S.A.
- KROOK (Dr M.), Harvard College Observatory, Cambridge 38, Massachusetts, U.S.A.
- KRÜGER (Prof. E.), via Mauro Macchi 65, Milan, Italy.
- KRUSZEWSKI (Dr A.), Astronomical Observatory of Warsaw University, Al. Ujazdowskie 4, Warsaw, Poland.
- KUBIKOWSKI (J.), Astronomical Observatory, Kopernika 11, Wrocław 9, Poland.
- KUIPER (Dr G. P.), Lunar and Planetary Laboratory, University of Arizona, Tucson, Arizona, U.S.A.
- KUKARKIN (Prof. Dr B. V.), Sternberg Astronomical Institute, Moscow B-234, U.S.S.R.
- KULIKOV (Prof. Dr K. A.), Sternberg Astronomical Institute, Moscow B-234, U.S.S.R.
- KULIKOVSKIJ (Dr P. G.), [Kulikovsky], Sternberg Astronomical Institute, Moscow B-234, U.S.S.R.
- KUMAR (Dr S. S.), Leander McCormick Observatory, University of Virginia, Charlottesville, Virginia, U.S.A.
- KUMSIŠVILI (Dr J. I.), [Kumsishvili], Abastumani Astrophysical Observatory, Georgian Academy of Sciences, Abastumani, U.S.S.R.
- KUNDU (Dr M. R.), Tata Institute of Fundamental Research, Colaba, Bombay-5, India.
- KÜNZEL (H.), Astrophysical Observatory, Potsdam, Germany.
- KUPERUS (M.), Astronomical Observatory 'Sonnenborgh', Zonnenburg 2, Utrecht, The Netherlands.
- KUPPERIAN, (Dr J. E. Jr.), Astrophysics Branch, NASA, Goddard Space Flight Center, Greenbelt, Maryland, U.S.A.
- KUPREVIČ (Dr N. F.), Pulkovo Observatory, Leningrad, U.S.S.R.
- KURTH (Dr R.), Professor of Mathematics, Georgia Institute of Technology, Atlanta, Georgia, U.S.A.
- KUSHWAHA (Dr R. S.), Air Force Cambridge Research Laboratories (C.R.F.), Bedford, Massachusetts, U.S.A.
- KUSTAAHEIMO (Prof. P. E.), Astronomical Observatory, Helsinki, Finland.
- KUČEROV (Dr N. I.), [Kutcherov], Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- KUZ'MIN (Dr G. G.), Observatory of the Academy of Sciences of the Estonian S.S.R., Tartu, U.S.S.R.
- KWEE (Dr K. K.), University Observatory, Leiden, The Netherlands.
- LABORDE (Dr G.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- LABS (Dr D.), Landessternwarte, Königstuhl, Heidelberg, Germany.
- LACCHINI (Prof. G. B.), Borgo Durbocco, via A. Cicognani no. 10, Faenza (Ravenna), Italy.
- LACOMBE (Dr C. G.), Observatorio Nacional, rua General Bruce 586, São Cristovão (ZC-08), Rio de Janeiro, Gb., Brazil,
- LACROUTE (Prof. P.), Directeur de l'Observatoire de Strasbourg, 11 rue de l'Université, Strasbourg (Bas-Rhin), France.
- LAFFINEUR (Dr M.), Institut d'Astrophysique, 98bis boulevard Arago, Paris-14e, France.
- LAGRULA (Prof. J.), Directeur de l'Institut de Météorologie et de Physique du Globe de l'Algérie, B.P. 1296, Alger R.P., Algeria.
- LAHIRI (Sri N. C.), Officer-in-charge, Nautical Almanac Division, Meteorological Department, Alipore, Calcutta, India.

- LALLEMAND (Dr A.), Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- LAMBRECHT (Prof. Dr H.), Direktor der Universitäts-Sternwarte, Schillergässchen 2, Jena, Germany.
- LAMLA (Dr E.), Hamburger Sternwarte, 205 Hamburg-Bergedorf, Germany.
- LA PAZ (Dr L.), Director, Institute of Meteoritics, University of New Mexico, Albuquerque, New Mexico, U.S.A.
- LA POINTE (Dr S. M.), Department of Physics, University of Montreal, Montreal, Quebec, Canada.
- LARINK (Prof. Dr J.), Hamburger Sternwarte, Hamburg-Bergedorf, Germany.
- LARSSON-LEANDER (Dr G.), Lund Observatory, Lund, Sweden.
- LAUGIER (Mme M.), 77 boulevard Gambetta, 06-Nice, France.
- LAUSTSEN (S.), Universitets Observatoriet, Brorfelde, pr. Tølløse, Denmark.
- LAUTMAN (Dr D. A.), Smithsonian Astrophysical Observatory, 60 Garden Street, Cambridge 38, Massachusetts, U.S.A.
- LAVDOVSKIJ (Dr V. V.), [Lavdovskij], Pulkovo Observatory, Leningrad, U.S.S.R.
- LAVROV (Dr M. I.), Engelhardt Astronomical Observatory, Kazan University, Kazan, U.S.S.R.
- LAYZER (Prof. D.), Harvard College Observatory, 60 Garden Street, Cambridge, Massachusetts 02138, U.S.A.
- LEBEDINSKIJ (Prof. A. I.), [Lebedinsky], Department of Physics, Moscow University, Moscow, U.S.S.R.
- LEDERLE (Dr T.), Astronomisches Rechen-Institut, Mönchhofstrasse 12-14, Heidelberg, Germany.
- LEDOUX (Prof. P.), Institut d'Astrophysique, Université de Liège, Cointe-Sclessin (Liège), Belgium.
- LEHNERT (Dr B. P.), Royal Institute of Technology, Department of Electronics, Stockholm 70, Sweden.
- LEIGHTON (Prof. R. B.), California Institute of Technology, Pasadena, California, U.S.A.
- LEJKIN (Dr G. A.), [Leikin], Astronomical Council, U.S.S.R. Academy of Sciences, Vavilova Str. 20, Moscow V-312, U.S.S.R.
- LEMAÎTRE (G.), 73 rue de Namur, Louvain, Belgium.
- LEQUEUX (J.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- LE ROUX (Dr E.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- LEROUY (Dr J. L.), Observatoire du Pic-du-Midi, Bagnères-de-Bigorre (Hautes-Pyrénées), France.
- LE SQUEREN (Mme A. M.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- LETFUS (Dr V.), Astronomical Institute, Czechoslovak Academy of Sciences, Observatory Ondřejov, Czechoslovakia.
- LEVALLOIS (J. J.), Institut Géographique National, 2 avenue Pasteur, 94-Saint-Mandé, France.
- LEVIN (Dr B. J.), O. Schmidt Institute of Physics of the Earth, U.S.S.R. Academy of Sciences, B. Gruzinskaja 10, Moscow, U.S.S.R.
- LÉVY (Dr J. R.), Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- LILLER (Prof. W.), Harvard College Observatory, Cambridge 38, Massachusetts, U.S.A.
- LILLEY (Prof. A. E.), Harvard College Observatory, Cambridge 38, Massachusetts, U.S.A.
- LIMBER (Dr D. N.), Yerkes Observatory, Williams Bay, Wisconsin, U.S.A.
- LIN (Rong-an), 64 Kung Yuen Road, Taipei, Taiwan.
- LINDBLAD (Dr B. A.), Lund Observatory, Lund, Sweden.
- LINDBLAD (Dr P. O.), Stockholm Observatory, Saltsjöbaden, Sweden.
- LINDLEY (W. M.), Pentonwarra, Trevone, Padstow, Cornwall, England.
- LINDSAY (Dr E. M.), Director, Armagh Observatory, Armagh, Northern Ireland.
- LINES (Dr A. W.), Royal Aircraft Establishment, Farnborough, Hampshire, England.

- LINFOOT (Dr E. H.), The Observatories, Madingley Road, Cambridge, England.
- LING (Dr Chih-bing), Institute of Mathematics, Academia Sinica, P.O. Box 143, Taipei, Taiwan.
- LINK (Dr F.), Astronomical Institute, Czechoslovak Academy of Sciences, Budečská 6, Prague 2, Czechoslovakia.
- LINNELL (Dr A. P.), Amherst College Observatory, Amherst, Massachusetts, U.S.A.
- LINNIK (Prof. Dr V. P.), Pulkovo Observatory, Leningrad, U.S.S.R.
- LIPPINCOTT (Miss S. L.), Sproul Observatory, Swarthmore College, Swarthmore, Pennsylvania, U.S.A.
- LIPSKIJ (Dr Y. N.), [Lipsky], Sternberg Astronomical Institute, Moscow, U.S.S.R.
- LITTLE (A. G.), Chatterton Astronomy Department, School of Physics, University of Sydney, Sydney, N.S.W., Australia.
- LITTLE (C. Gordon), Chief, Division 87, National Bureau of Standards, Room 3001, Radio Bldg., Boulder, Colorado, U.S.A.
- LITTLEFIELD (Dr T. A.), Department of Physics, King's College, Newcastle upon Tyne, England.
- LIVINGSTON (Dr W. C.), Kitt Peak National Observatory, P.O. Box 4130, Tucson 85717, Arizona, U.S.A.
- LOCHTE-HOLTGREVEN (Prof. Dr W.), Institut für Experimentalphysik der Universität, Kiel, Germany.
- LOCKE (Dr J. L.), Radio Astronomy Section, Radio and Electrical Engineering Division, National Research Council, Ottawa 2, Ontario, Canada.
- LODÉN (Dr L. O.), Stockholm Observatory, Saltsjöbaden, Sweden.
- LOHMANN (Prof. Dr W.), Astronomisches Rechen-Institut, Mönchhofstrasse 12–14, Heidelberg, Germany.
- LORÓN (Dr M. M.), Observatorio Astronómico, Alfonso XII, no. 3, Madrid, Spain.
- LOUGHHEAD (R. E.), National Standards Laboratory, C.S.I.R.O., University Grounds, Sydney, N.S.W., Australia.
- LOURENS (J. v. B.), Royal Observatory, Observatory, Cape Province, South Africa.
- LOVELL (Sir Bernard), Nuffield Radio Astronomy Laboratories, Jodrell Bank, Macclesfield, Cheshire, England.
- LOZINSKIJ (Dr A. M.), [Lozinsky], Astronomical Council, U.S.S.R. Academy of Sciences, Vavilova Str. 20, Moscow V-312, U.S.S.R.
- LÜBECK (K.), Hamburger Sternwarte, 205 Hamburg-Bergedorf, Germany.
- LUNDQUIST (Dr C. A.), 218 Parker Street, Newton, Massachusetts, U.S.A.
- LUNEL (Mme M.), Maître Assistant d'Astronomie, Faculté des Sciences de l'Université de Lyon, Lyon (Rhône), France.
- LUPLAU JANSEN (Dr C. E.), Urania Observatory, Dr Olgas Vej 25, Copenhagen-F, Denmark.
- LÜST (Prof. Dr R.), Max-Planck-Institut für Extraterrestrische Physik, 8046 Garching b. München, Germany.
- LUYTEN (Prof. W. J.), The Observatory, University of Minnesota, Minneapolis 14, Minnesota, U.S.A.
- LYNDEN-BELL (Dr D.), Clare College, Cambridge, England.
- LYNDS (Dr C. R.), Kitt Peak National Observatory, 950 North Cherry Avenue, P.O. Box 4130, Tucson, Arizona 85717, U.S.A.
- LYTTKENS (Dr E.), The Observatory, Uppsala, Sweden.
- LYTTELTON (Dr R. A.), St John's College, Cambridge, England.
- MCCARTHY S. J. (Dr M. F.), Specola Vaticana, Castel Gandolfo, Vatican City State.
- McCLAIN (E. F.), Head, Radio Astronomy Branch, Naval Research Laboratory, Washington 25, D.C., U.S.A.

- MCCLENAHAN (Dr W. S.), Dominion Observatory, Ottawa, Ontario, Canada.
- MCCREA (Prof. W. H.), Professor of Mathematics, Royal Holloway College, Egham, Surrey, England.
- MCCROSKEY (Dr R. E.), Smithsonian Astrophysical Observatory, 60 Garden Street, Cambridge 38, Massachusetts, U.S.A.
- MCCUSKEY (Dr S. W.), Warner and Swasey Observatory, Case Institute of Technology, East Cleveland 12, Ohio, U.S.A.
- MCDONALD (Mrs Dr J. K. Petrie), Dominion Astrophysical Observatory, Victoria, B.C., Canada.
- MCDONALD (Mrs S. Levy), 2818 Webster Street, Berkeley 5, California, U.S.A.
- MCGEE (Prof. J. D.), Physics Department, Imperial College of Science and Technology, Prince Consort Road, London, S.W.7, England.
- MCGEE (R. X.), Division of Radiophysics, C.S.I.R.O., University Grounds, Chippendale, N.S.W., Australia.
- MCKENNA (Miss S. M. P.), Dunsink Observatory, Castleknock, Co. Dublin, Eire.
- MCKINLEY (Dr D. W. R.), c/o National Research Council, Sussex Drive, Ottawa, Ontario, Canada.
- MCNALLY (Dr D.), University of London Observatory, Mill Hill Park, London, N.W.7, England.
- MCNAMARA (Dr D. H.), Department of Physics, Brigham Young University, Provo, Utah, U.S.A.
- MACRAE (Dr D. A.), David Dunlap Observatory, Richmond Hill, Ontario, Canada.
- MACRIS (Prof. Dr C. J.), National Observatory, Athens, Greece.
- MCVITTIE (Prof. G. C.), University of Illinois Observatory, Urbana, Illinois, U.S.A.
- MACHADO (J. M. A. Braz), Serviços Radioeléctricos dos C.T.T., Lisbon, Portugal.
- MADEIRA (Dr J. A.), Observatorio Astronomico, Tapada, Lisbon, Portugal.
- MADER (Prof. Dr K.), Hietzinger Hauptstrasse 123, Vienna 13, Austria.
- MADWAR (Prof. M. R.), 15 rue Pahlewi, Dokki, Cairo, Egypt.
- MAFFEI (Dr P.), Laboratorio di Astrofisica, Casella Postale, 67-Frascati, Rome, Italy.
- MAGALAŠVILI (Dr N. L.), [Magalashvili], Abastumani Observatory, Abastumani, Georgia, U.S.S.R.
- MAÎTRE (Dr V.), Observatoire, Besançon (Doubs), France.
- MAKOVER (Dr S. G.), Institute of Theoretical Astronomy, Mendelejevskaia linia 1, Leningrad 164, U.S.S.R.
- MALMQUIST (Prof. K. G.), S:t Olofsgatan 10A, Uppsala, Sweden.
- MALTBY (P.), Institute of Theoretical Astrophysics, Boks Bindern, Oslo 3, Norway.
- MANDEL'SHTAM (Dr S. L.), Laboratory of Spectroscopy, Lebedev Institute, Academy of Sciences of the U.S.S.R., Moscow, U.S.S.R.
- MANNINO (Prof. G.), Osservatorio Astronomico Universitario, via Zamboni 33, Bologna, Italy.
- MARCUS (Prof. E.), Observatoire de Bucarest, 5 rue Cutitul de Argint, Bucarest, Rumania.
- MARKARJAN (Dr B. E.), [Markarian], Burakan Observatory, Erevan, Armenia, U.S.S.R.
- MARKOV (Dr A. V.), Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- MARKOWITZ (Dr W.), U.S. Naval Observatory, Washington, D.C. 20390, U.S.A.
- MARTEL-CHOSSAT (Mme Dr M. T.), Observatoire de Lyon, Saint-Genis-Laval (Rhône), France.
- MARTIN (Prof. E. L.), Osservatorio Astronomico, via G. B. Tiepolo no. 11, Trieste, Italy.
- MARTYNOV (Prof. Dr D. Ja.), [Ya.], Director, Sternberg Astronomical Institute, Moscow University, Leninskije Gory, Moscow V-234, U.S.S.R.
- MARX (Prof. G.), Roland Eötvös University, Puskin u. 5-7, Budapest VIII, Hungary.
- MASANI (Prof. A.), Osservatorio Astronomico di Brera, via Brera 28, Milan, Italy.

- MASEVIČ (Mrs Dr A. G.), [Masseevitch], Astronomical Council, U.S.S.R. Academy of Sciences, Vavilova Str. 20, Moscow V-312, U.S.S.R.
- MATHEWSON (Dr D. S.), Division of Radiophysics, C.S.I.R.O., University Grounds, Chippendale, N.S.W., Australia.
- MATHIAS (Prof. Dr O. F. W.), Sonnenstrasse 12/II, Graz, Austria.
- MATSUSHIMA (Dr S.), Department of Physics and Astronomy, State University of Iowa, Iowa City, Iowa, U.S.A.
- MATTHEWS (Dr T. A.), Department of Radio Astronomy, California Institute of Technology, Pasadena, California, U.S.A.
- MATTIG (Dr W.), Fraunhofer-Institut, Schöneckstrasse 6, 78 Freiburg i. Breisgau, Germany.
- MAVRIDIS (Prof. Dr L. N.), Department of Geodetic Astronomy, University of Thessaloniki, Thessaloniki, Greece.
- MAXWELL (Dr A.), Harvard Radio Astronomy Station, Fort Davis, Texas, U.S.A.
- MAYALL (Mrs M. W.), A.A.V.S.O., 4 Brattle Street, Cambridge 38, Massachusetts, U.S.A.
- MAYALL (Dr N. U.), Kitt Peak National Observatory, 950 North Cherry Avenue, Tucson, Arizona, U.S.A.
- MAYER (C. H.), U.S. Naval Research Laboratory, Washington 25, D.C., U.S.A.
- MEEK (Dr B. L.), Department of Mathematics, The University, Leeds 2, England.
- MEGGERS (Dr W. F.), U.S. Bureau of Standards, Washington 25, D.C., U.S.A.
- MEGRELIŠVILI (Mrs Dr T. G.), [Megrelishvili], Abastumani Astrophysical Observatory, Georgian Academy of Sciences, Abastumani, U.S.S.R.
- MEHLTRETTNER (Dr J. P.), Fraunhofer Institut, Schöneckstrasse 6, 78 Freiburg i. Breisgau, Germany.
- MEINEL (Dr A. B.), Kitt Peak National Observatory, 950 North Cherry Avenue, Tucson, Arizona, U.S.A.
- MELCHIOR (Dr P. J.), Observatoire Royal de Belgique, 3 avenue Circulaire, Uccle-Brussels 18, Belgium.
- MELLO (S. F.), Instituto Astronómico e Geofísico, Universidade de São Paulo, Caixa Postal 8137, São Paulo, SP, Brazil.
- MEL'NIKOV (Prof. Dr O. A.), Pulkovo Observatory, Leningrad, U.S.S.R.
- MENDOZA V. (Dr E.), Observatorio Astronomico Nacional, 20 Piso Torre de Ciencias, Ciudad Universitaria, Mexico 20, D.F., Mexico.
- MENON (Dr T. K.), National Radio Astronomy Observatory, P.O. Box 2, Green Bank, West Virginia, U.S.A.
- MENZEL (Dr D. H.), Harvard College Observatory, Cambridge 38, Massachusetts, U.S.A.
- MERGENTALER (Prof. Dr J.), Astronomical Observatory, Kopernika 11, Wrocław, Poland.
- MERMAN (Dr G. A.), Institute of Theoretical Astronomy, Leningrad, U.S.S.R.
- MERMAN (Mrs Dr N. V.), Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- MERRILL (Dr J. E.), Morrison Observatory, Central Methodist College, Fayette, Missouri, U.S.A.
- MERTON (Dr G.), 17 Holywell, Oxford, England.
- MESSAGE (Dr P. J.), Mathematics Department, University of Liverpool, Liverpool 3, England.
- MESTEL (Dr L.), Department of Applied Mathematics and Theoretical Physics, Free School Lane, Cambridge, England.
- MEURERS (Prof. Dr J.), Direktor, Universitäts-Sternwarte Wien, Türkenschanzstrasse 17, Vienna, XVIII/110, Austria.
- MEZGER (Dr P.), Universitäts-Sternwarte, Poppelsdorfer Allee 49, 53 Bonn, Germany.
- MIANES (P.), Observatoire de Bordeaux, Floirac (Gironde), France.
- MICHARD (Dr R.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- MICHEL (H.), 54 rue ten Bosch, Brussels 5, Belgium.

- MICHIE (Dr R. W.), Kitt Peak National Observatory, 950 North Cherry Avenue, Tucson, Arizona, U.S.A.
- MICHKOVITCH (Prof. V. V.), Serbian Academy of Sciences and Arts, Knez Mihailova 35, Belgrade, Yugoslavia.
- MICZAIKA (Dr G. R.), Aeronutronic, Ford Motor Company, Ford Road, Newport Beach, California, U.S.A.
- MIDDLEHURST (Miss B. M.), Steward Observatory, University of Arizona, Tucson, Arizona, U.S.A.
- MIGEOTTE (Dr M. V.), Institut d'Astrophysique, Université de Liège, Cointe-Sclessin (Liège), Belgium.
- MIHAJLOV (Prof. Dr A. A.), [Mikhailov], Director, Pulkovo Observatory, Leningrad, U.S.S.R.
- MIHEL'SON (Dr N. N.), [Mikhelson], Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- MILFORD (Dr S. N.), Astrophysics and Geophysics Research, Grumman Aircraft Engineering Corporation, Bethpage, Long Island, New York, U.S.A.
- MILLER (Dr F. D.), The Observatory, University of Michigan, Ann Arbor, Michigan, U.S.A.
- MILLER (Dr R. H.), Institute for Computer Research, University of Chicago, Chicago, Illinois, U.S.A.
- MILLER, S. J. (Rev. W. J.), Director, Fordham University Astronomical Laboratory, Box 88, Fordham University, New York, N.Y. 10458, U.S.A.
- MILLIGAN (J. E.), Astrophysics Branch, NASA Goddard Space Flight Center, Greenbelt, Maryland, U.S.A.
- MILLMAN (Dr P. M.), National Research Council, Sussex Drive, Ottawa, Ontario, Canada.
- MILLS (Dr B. Y.), School of Physics, University of Sydney, Sydney, N.S.W., Australia.
- MININ (Dr I. N.), Leningrad University Observatory, Leningrad, U.S.S.R.
- MINKOWSKI (Dr R. L.), Radio Astronomy Laboratory, University of California, Berkeley, California 94720, U.S.A.
- MINNAERT (Prof. M. G. J.), Director, Astronomical Observatory 'Sonnenborgh', Zonnenburg 2, Utrecht, The Netherlands.
- MIRZABEKJAN (Dr E. G.), [Mirzabekian], Astrophysical Observatory, Burakan, Armenia, U.S.S.R.
- MIRZOJAN (Dr L. V.), Burakan Astrophysical Observatory, Erevan, Armenia, U.S.S.R.
- MISSANA (Prof. N.), Osservatorio Astronomico di Pino Torinese (Torino), Italy.
- MITCHELL (Dr W. E., Jr.), Perkins Observatory, Delaware, Ohio, U.S.A.
- MITIĆ (L. A.), Astronomical Observatory, Volgina 7, Belgrade, Yugoslavia.
- MITRA (Dr A. P.), Assistant Director, National Physical Laboratory, New Delhi, India.
- MITROFANOVA (Miss Dr L. A.), Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- MIYADI (Dr M.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- MIYAMOTO (Dr S.), Director, Kwasan Observatory, Faculty of Science, University of Kyoto, Yamashina, Kyoto, Japan.
- MOHLER (Dr O. C.), McMath-Hulbert Observatory, 895 Lake Angelus Road North, Pontiac 4, Michigan, U.S.A.
- MOHR (Prof. Dr J. M.), Astronomical Institute of the Charles University, Svědská 8, Prague 16, Czechoslovakia.
- MOISEEV (Dr I. G.), Crimean Astrophysical Observatory, P/O Nauchny, Crimea, U.S.S.R.
- MOLČANOV (Prof. A. P.), [Molchanov], Radio Astronomical Laboratory, Leningrad State University, V-178, 10 Line, 33, Leningrad, U.S.S.R.
- MONFILS (A.), Institut d'Astrophysique, Université de Liège, Cointe-Sclessin (Liège), Belgium.
- MONIN (Dr G. A.), Crimean Astrophysical Observatory, P/O Nauchny, Crimea, U.S.S.R.

- MOREAU (Dr F.), 115 avenue George Bergmann, Brussels, Belgium.
- MORENO (Prof. H.), Observatorio Astronómico Nacional, Casilla 36-D, Santiago, Chile.
- MORETON (G. E.), Division of Physics, C.S.I.R.O., University Grounds, Chippendale, N.S.W., Australia.
- MORGAN (Dr W. W.), Yerkes Observatory, Williams Bay, Wisconsin, U.S.A.
- MORIYAMA (Dr F.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- MOROZ (Dr V. I.), Sternberg Astronomical Institute, Moscow, U.S.S.R.
- MORTON (Dr D. C.), Department of Astrophysical Sciences, Princeton University Observatory, 265 FitzRandolph Road, Princeton, New Jersey, U.S.A.
- MORTON (Dr G. A.), R.C.A. Laboratories, Princeton, New Jersey, U.S.A.
- MOURAO (R. R. F.), Observatorio Nacional, Rua General Bruce, 586 - São Cristóvão, Rio de Janeiro, Brazil.
- MUGGLESTONE (Dr D.), University of Queensland, Brisbane, Queensland, Australia.
- MULDERS (Dr G. F. W.), c/o National Science Foundation, Washington 25, D.C., U.S.A.
- MÜLLER (Miss Prof. E. A.), Observatoire Cantonal, Geneva, Switzerland.
- MÜLLER (Prof. Dr R.), Postfach 8, 8204 Degerndorf/Inn, Germany.
- MULLER (Dr A. B.), Kapteyn Astronomical Laboratory, Broerstraat 7, Groningen, The Netherlands.
- MULLER (Ir. C. A.), Radio Observatory, Bosrand 25, Dwingeloo, The Netherlands.
- MULLER (P.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- MÜNCH (Prof. G.), California Institute of Technology, 1201 East California Street, Pasadena, California, U.S.A.
- MÜNCH (L.), Observatorio Astrofisico Nacional, Tonantzintla, Mexico.
- MURRAY (C. A.), Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.
- MUSEN (Dr P.), NASA, Goddard Space Flight Center, Greenbelt, Maryland, U.S.A.
- MUSTEL (Prof. Dr E. R.), Astronomical Council, U.S.S.R. Academy of Sciences, Vavilova Str. 20, Moscow V-312, U.S.S.R.
- NADOLSKI (Prof. Dr V.), Université de Iasi, rue M. Sadoveanu 5, Iasi, Rumania.
- NAGASAWA (S.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- NAHON (Prof. F.), Faculté des Sciences, 35 rue des Docks, Besançon (Doubs), France.
- NAKANO (S.), 47, Myogadani, Bunkyo-ku, Tokyo, Japan.
- NAMBA (Dr O.), Astronomical Observatory 'Sonnenborgh', Zonnenburg 2, Utrecht, The Netherlands.
- NAQVI (Dr A. M.), Office of Research, Aerospace Corporation, San Bernardino, California 92402, U.S.A.
- NARAYAN (Dr A. L.), Maharaja's College, Vizianagram, India.
- NARAYANA (J. V.), Meteorologist, Kodaikanal Astrophysical Observatory, Kodaikanal 3, India.
- NAUR (Dr P.), Danish Institute for Computing Machinery, Gl. Carlsbergvej 2, Valby, Denmark.
- NECKEL (Dr H.), Hamburger Sternwarte, 205 Hamburg-Bergedorf, Germany.
- NEDUNGADI (Dr), Kodaikanal Astrophysical Observatory, Kodaikanal 3, India.
- NEFED'EV (Dr A. A.), [Nefediev], Director, Engelhardt Observatory, Kazan, U.S.S.R.
- NEFED'EVA (Dr A. I.), [Nefedieva], Engelhardt Observatory, Kazan, U.S.S.R.
- NELSON (Prof. B.), Department of Astronomy, San Diego State College, San Diego 15, California, U.S.A.
- NEMIRO (Dr A. A.), Pulkovo Observatory, Leningrad, U.S.S.R.
- NEUPERT (Dr W. M.), Solar Physics Branch, Goddard Space Flight Center, Greenbelt, Maryland, U.S.A.
- NEVEN (Dr L.), Observatoire Royal de Belgique, 3 avenue Circulaire, Uccle-Brussels 18, Belgium.

- NEVIN (Prof. T. E.), University College, Dublin, Eire.
- NEWKIRK (Dr G. A., Jr.), High Altitude Observatory of the University of Colorado, Boulder, Colorado, U.S.A.
- NEWTON (H. W.), 'Alandale', Dean Road, Seaford, Sussex, England.
- NEYMAN (Prof. J.), Statistical Laboratory, University of California, Berkeley 4, California, U.S.A.
- NICHOLLS (Prof. R. W.), Chairman, Department of Physics, York University, Toronto, Ontario, Canada.
- NICHOLSON (W.), Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.
- NICOLET (Prof. M.), Institut d'Aéronomie Spatiale, 3 avenue Circulaire, Uccle-Brussels 18, Belgium.
- NICOLINI (Prof. T.), Direttore, Osservatorio Astronomico di Capodimonte, Napoli, Italy.
- NIELSEN (A. V.), Ole Rømer Observatorium, Aarhus C, Denmark.
- NIKITIN (Dr A. A.), Observatory, State University, Leningrad, U.S.S.R.
- NIKOLSKY (Dr G. M.), Institute of Terrestrial Magnetism, Ionosphere and Radio Wave Propagation, U.S.S.R. Academy of Sciences, Moscow, U.S.S.R.
- NIKONOV (Dr V. B.), Crimean Astrophysical Observatory, P/O Nauchny, Crimea, U.S.S.R.
- NINGER-KOSIBOWA (Dr S.), Astronomical Observatory, Kopernika 11, Wrocław, Poland.
- NININGER (Dr H. H.), Sedona's Meteorite Museum, P.O. Box 146, Sedona, Arizona, U.S.A.
- NISSEN (Prof. J. J.), Observatorio Astronómico, San Juan, Argentina.
- NOCI (Dr G.), Osservatorio Astrofisico di Arcetri, Florence, Italy.
- NORDSTRÖM (Dr H.), Gjörwellsgatan 15, Stockholm, Sweden.
- NORLIND (Dr W.), Lund Observatory, Lund, Sweden.
- NØRLUND (Prof. N. E.), Director, Geodetic Institute, Malmøgade 6, Copenhagen, Denmark.
- NORTHCOTT (Miss R. J.), David Dunlap Observatory, Richmond Hill, Ontario, Canada.
- NOTUKI (Dr M.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- NOVOPAŠENNIJ (Dr B. V.), [Novopashennyj], Astronomical Observatory, Odessa University, Odessa, U.S.S.R.
- NOWACKI (Dr H.), Astronomisches Rechen-Institut, Mönchhofstrasse 12-14, 69 Heidelberg, Germany.
- O (Choe Zai), Kim Il Sen University, Phyongyang, Korea.
- OBI (Dr S.), Department of Earth Science, College of General Education, University of Tokyo, Komaba, Shibuya, Tokyo, Japan.
- O'CONNELL S. J. (Dr D. J. K.), Direttore della Specola Vaticana, Castel Gandolfo, Vatican City State.
- ODGERS (Dr G. J.), Dominion Astrophysical Observatory, Victoria, B.C., Canada.
- OETKEN (Dr L.), Astrophysical Observatory, Potsdam, Germany.
- OGORODNIKOV (Prof. Dr K. F.), University, Leningrad, U.S.S.R.
- ÖHMAN (Prof. Y.), Stockholms Observatorium, Saltsjöbaden, Sweden.
- OKE (Dr J. B.), Mount Wilson and Palomar Observatories, 1201 East California Street, Pasadena, California, U.S.A.
- O'KEEFE (J. A.), 3712 Thornapple Street, Chevy Chase 15, Maryland, U.S.A.
- OKUDA (Dr T.), Director, International Latitude Observatory of Mizusawa, Mizusawa-shi, Iwate-ken, Japan.
- ÖLANDER (Prof. V. R.), Geodetic Institute, Helsinki, Finland.
- OLIVIER (Dr P. C.), American Meteor Society, 521 N. Wynnewood Avenue, Narberth, Pennsylvania, U.S.A.
- OLLONGREN (Dr A.), Centraal Rekeninstituut, Stationsweg 46, Leiden, The Netherlands.

- OMER (Dr G. C., Jr.), Department of Physical Sciences, University of Florida, Gainesville, Florida, U.S.A.
- ONDERLICKA (Dr B.), Department of Astronomy, Purkyně University, Brno, Czechoslovakia.
- OORT (Prof. Dr J. H.), Director, University Observatory, Leiden, The Netherlands.
- OOSTERHOFF (Prof. Dr P. Th.), University Observatory, Leiden, The Netherlands.
- OPALSKI (Dr W.), Institut Astronomique de l'Ecole Polytechnique, Koszykowa 75, Warsaw, Poland.
- ÖPIK (Dr E. J.), Armagh Observatory, Armagh, Northern Ireland.
- OPOLSKI (Dr A.), Astronomical Observatory, Kopernika 11, Wrocław, Poland.
- ORLIN (Dr H.), Gravity and Astronomy Branch, Geodesy Division, U.S. Coast and Geodetic Survey, Washington Science Center, Rockville, Maryland 20852, U.S.A.
- ORLOV (Dr A. A.), Sternberg Astronomical Institute, Moscow, U.S.S.R.
- ORLOV (Dr B. A.), Pulkovo Observatory, Fontanka 34, Leningrad, U.S.S.R.
- ORLOVA (Dr N. S.), Leningrad University Observatory, Leningrad, U.S.S.R.
- ORRALL (Prof. F. Q.), Hawaii Institute of Geophysics, 2525 Correa Road, Honolulu, Hawaii 96822, U.S.A.
- ORTE LLEDO (D. Alberto), Observatorio de Marina, San Fernando, Cádiz, Spain.
- OSAWA (Dr K.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- OSKANJAN (V.), Astronomical Observatory, Dalmatinska 101, Belgrade, Yugoslavia.
- OSTER (Prof. L.), Yale University Observatory, Box 2023 Yale Station, New Haven, Connecticut, U.S.A.
- OSTERBROCK (Prof. D. E.), Washburn Observatory, University of Wisconsin, Madison 6, Wisconsin, U.S.A.
- OSVALDS (Dr V.), Leander McCormick Observatory, Charlottesville, Virginia, U.S.A.
- OTERMA (Miss Dr L.), Sirkkalank 31, Turku 6, Finland.
- OVENDEN (Dr M. W.), Department of Astronomy, The University, Glasgow, W.2., Scotland.
- OWREN (Prof. L.), Radiophysics Laboratory, Dartmouth College, Hanover, New Hampshire 03755, U.S.A.
- ÖZEMRE (Dr K.), University Observatory, Beyazit, Istanbul, Turkey.
- OZSVATH (Prof. I.), Earth and Planetary Sciences Laboratory, Graduate Research Center, P.O. Box 30365, Dallas, Texas 75230, U.S.A.
- PACHOLCZYK (Dr A. G.), Astronomical Observatory of Warsaw University, Al. Ujazdowskie 4, Warsaw, Poland.
- PAGE (Prof. T. L.), Director, Van Vleck Observatory, Wesleyan University, Middletown, Connecticut 06457, U.S.A.
- PAGEL (Dr B. E. J.), Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.
- PALMER (Dr H. P.), Nuffield Radio Astronomy Laboratories, Jodrell Bank, Macclesfield, Cheshire, England.
- PALOQUE (Dr E.), Directeur Honoraire de l' Observatoire de Toulouse, 3ter rue de Belfort, Toulouse (Haute-Garonne), France.
- PANAYOTOV (Dr L. A.), [Panajotov], Pulkovo Observatory, Leningrad, U.S.S.R.
- PARIJSKIJ (Dr Ju. N.), [Parijsky, Dr Y. N.], Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- PARIJSKIJ (Dr N. N.), [Parijsky], O. Schmidt Institute of Physics of the Earth, U.S.S.R. Academy of Sciences, B. Gruzinskaja 10, Moscow, U.S.S.R.
- PARKER (Dr E. N.), Institute for Nuclear Studies, University of Chicago, Illinois 60637, U.S.A.
- PARKINSON (Dr W. H.), Harvard College Observatory, 60 Garden Street, Cambridge 38, Massachusetts, U.S.A.
- PATON (J.), Department of Natural Philosophy, The University, Edinburgh 8, Scotland.

- PAVLOV (Prof. Dr N. N.), Pulkovo Observatory, Leningrad, U.S.S.R.
- PAYNE-GAPOSCHKIN (Mrs Dr C. H.), Harvard College Observatory, Cambridge 38, Massachusetts, U.S.A.
- PEARCE (Dr J. A.), Dominion Astrophysical Observatory, Victoria, B.C., Canada.
- PEARSE (Prof. R. W. B.), Imperial College of Science and Technology, Prince Consort Road, London, S.W.7, England.
- PECKER (Prof. Dr J.-C.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France; Observatoire de Nice, Le Mont-Gros, 06-Nice, France. General Secretary of the Union.
- PECKER-WIMEL (Mme Prof. Ch.), Institut d'Astrophysique, 98bis boulevard Arago, Paris-14e, France.
- PEDOUSSAUT (A.), Observatoire de Toulouse, Toulouse (Haute-Garonne), France.
- PELS (G.), University Observatory, Leiden, The Netherlands.
- PELS-KLUYVER (Mrs H. A.), University Observatory, Leiden, The Netherlands.
- PELSENEER (Dr J.), avenue des Grenadiers, 76, Ixelles, Brussels, Belgium.
- PELTIER (L. C.), 327 S. Bredeick Street, Delphos, Ohio, U.S.A.
- PEREK (Dr L.), Astronomical Institute, Czechoslovak Academy of Sciences, Budečská 6, Prague 2, Czechoslovakia. Assistant General Secretary of the Union.
- PESCH (Prof. P.), Warner and Swasey Observatory, Case Institute of Technology, Taylor and Brunswick Roads, East Cleveland, Ohio 44112, U.S.A.
- PETFORD (Dr A. D.), University Observatory, South Park Road, Oxford, England.
- PETRI (Dr W.), Unterleiten 2, P.O. Box 106, 8162 Schliersee (OBB), Germany.
- PETTENGILL (Dr G. H.), Arecibo Ionospheric Observatory, Arecibo, Puerto Rico.
- PETTIT (Dr E.), Mount Wilson and Palomar Observatories, 813 Santa Barbara Street, Pasadena, California, U.S.A.
- PETTIT (Mrs H. B. Knaflisch), 43 Museum Street, Cambridge 38, Massachusetts, U.S.A.
- PEYTURAUX (Dr R.), Institut d'Astrophysique, 98bis boulevard Arago, Paris-14e, France.
- PHILLIPS (Prof. J. G.), Department of Astronomy, University of California, Berkeley, California, U.S.A.
- PIASKOVSKY (Prof. D. V.), [see PJASKOVSKIJ].
- PICK-GUTMANN (Mme M.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- PIDDINGTON (Dr J. H.), Radiophysics Laboratory, C.S.I.R.O., University Grounds, Sydney, N.S.W., Australia.
- PIERCE (Dr A. K.), Kitt Peak National Observatory, 950 North Cherry Avenue, P.O. Box 4130, Tucson, Arizona 85717, U.S.A.
- PIKEL'NER (Prof. S. B.), Sternberg Astronomical Institute, Moscow B-234, U.S.S.R.
- PILOWSKI (Prof. Dr K.), Geodätisches Institut der Technischen Hochschule, Nienburger Strasse 1, Hannover, Germany.
- PINTO (Dr G.), Osservatorio Astronomico, Padova, Italy.
- PIOTROWSKI (Dr S.), Astronomical Observatory, Ujazdowskie 4, Warsaw, Poland.
- PISHMISH DE RECILLAS (Mrs Dr P.), Observatorio Astronómico Nacional, Universidad Nacional de Mexico, Ciudad Universitaria, Mexico 20, D.F., Mexico.
- PJASKOVSKIJ (Prof. D. V.), [Pjaskovsky], University Astronomical Observatory, Kiev, U.S.S.R.
- PLAKIDIS (Prof. S.), Eridanou 4B, Athens 612, Greece.
- PLANELLES (V.), Director del Instituto y Observatorio de Marina, San Fernando, Cádiz, Spain.
- PLASKETT (Prof. H. H.), 48 Blenheim Drive, Oxford, England.
- PLASSARD (Dr J.), Director, Ksara Observatory, Ksara, Lebanon.
- PLATZECK (Dr R.), Comision Nacional de la Energia Atomica, San Carlos de Bariloche, Argentina.
- PLAUT (Dr L.), Kapteyn Astronomical Laboratory, Broerstraat 7, Groningen, the Netherlands.

- PLAVEC (Dr M.), Astronomical Institute, Czechoslovak Academy of Sciences, Observatory Ondřejov, Czechoslovakia.
- PODOBED (Dr V. V.), [Dr W.W.], Sternberg Astronomical Institute, Moscow B-234, U.S.S.R.
- POGO (Dr A.), Mount Wilson and Palomar Observatories, 813 Santa Barbara Street, Pasadena, California, U.S.A.
- POLOSKOV (Dr S. M.), Publishing House of Foreign Literature, Novo-Aleksejevskaja, 52, Moscow, U.S.S.R.
- POLOŽENCEV (Dr D. D.), [Polozhentsev], Pulkovo Observatory, Leningrad M-140, U.S.S.R.
- POPOV (Dr N. A.), Gravimetric Observatory, Ukrainian Academy of Sciences, Poltava, U.S.S.R.
- POPOVA (Mrs Dr M. D.), Section d'Astronomie de l'Académie Bulgare des Sciences, rue du 7 novembre n°1, Sofia, Bulgaria.
- POPOVIĆ (Dr B.), Božidar, Zagrebačka 18, Sarajevo, Yugoslavia.
- POPOVICI (Prof. Dr C.), Observatoire de Bucarest, 5 rue Cutitul de Argint, Bucarest, Rumania.
- POPPER (Prof. D. M.), Department of Astronomy, University of California, Los Angeles 24, California, U.S.A.
- PORTER (Dr J. G.), 'Whitestones', Hempstead Lane, Hailsham, Sussex, England.
- POSTOIEV (Dr A.), Instituto Astronómico e Geofísico, Universidade de São Paulo, Caixa Postal 8137, São Paulo, S.P., Brazil.
- POTTASCH (Dr S. R.), Sterrenkundig Laboratorium Kapteyn, Broerstraat 7, Groningen, The Netherlands.
- POTTER (Dr H. I.), Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- POUNDS (Dr K. A.), University of Leicester, Leicester, England.
- POVEDA (Dr A.), Observatorio Astronómico, Universidad Nacional de Mexico, Apartado Postal 70264, Mexico 20, D.F., Mexico.
- PRADHAN (Dr), Nizamiah Observatory, Hyderabad, India.
- PRENDERGAST (Dr K. H.), 1402 Pupin, Columbia University, New York, N.Y., U.S.A.
- PRENTICE (J. P. M.), 'Star Ridge', Battisford, Needham Market, Suffolk, England.
- PRESTON (Dr G. W. III), Lick Observatory, Mount Hamilton, California, U.S.A.
- PRIESTER (Prof. W.), Universitäts-Sternwarte, Poppelsdorfer Allee 49, 53 Bonn, Germany.
- PROKOF'EV (Prof. V. K.), [Prokofiev], Crimean Astrophysical Observatory, P/O Nauchny, Crimea, U.S.S.R.
- PROKOF'EVA (Mrs Dr I. A.), [Prokofieva], Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- PROTHEROE (Dr W.), Department of Astronomy, University of Pennsylvania, Philadelphia 4, Pennsylvania, U.S.A.
- PROTITCH (M. B.), Astronomical Observatory, Veliki Vracar, Belgrade, Yugoslavia.
- PROVERBIO (Dr E.), Osservatorio Astronomico di Brera, Milan, Italy.
- PRZYBYLSKI (Dr A.), Mount Stromlo Observatory, Canberra, A.C.T., Australia.
- PURGATHOFER (Dr A. Th.), Universitäts-Sternwarte Wien, Türkenschanzstrasse 17, Vienna XVIII/110, Austria.
- QVIST (Dr B.), Åbo Akademi, Åbo, Finland.
- RABBEN (Dr H. H.), Max-Planck-Institut für Physik und Astrophysik, Abt. Extraterrestrische Physik, Garching b. München, Germany.
- RABE (Prof. J.), Cincinnati Observatory, Observatory Place, Cincinnati 8, Ohio, U.S.A.
- RADHAKRISHNAN (V.), California Institute of Technology, Radio Astronomy Department, 1201 East California Street, Pasadena, California, U.S.A.
- RAIMOND (E.), University Observatory, Sterrenwacht, Leiden, The Netherlands.

- RAKOS (Dr K. D.), University of Graz, Universitäts-Sternwarte, Universitätsplatz 5, Graz, Austria.
- RAKSHIT (Prof. H.), Bengal Engineering College, Sibpore, Hewrah, India.
- RAMANATHAN (Dr A. S.), Meteorologist, Kodaikanal Astrophysical Observatory, Kodaikanal 3, India.
- RAMBERG (Prof. Dr J. M.), Stockholms Observatorium, Saltsjöbaden, Sweden.
- RAMSEY (Dr W. H.), Department of Physics, University of Witwatersrand, Milner Park, Johannesburg, South Africa.
- RANDIC (Dr L.), Tehnički fakultet, Zagreb p.p. 89, Yugoslavia.
- RASMUSEN (H. Q.), Vaerslevgaarden, pr. Vaerslev, Denmark.
- RAZMADZE (Dr N. A.), Abastumani Observatory, Abastumani, Georgia, U.S.S.R.
- RAZMADZE (Dr T. S.), Institute Geophysics, Academy of Sciences, Cosmic Ray Station, Tbilisi, U.S.S.R.
- REBER (Dr G.), Research Corporation, 405 Lexington Avenue, New York 17, N.Y., U.S.A.
- REDDISH (Dr V. C.), Royal Observatory, Blackford Hill, Edinburgh 9, Scotland.
- REDMAN (Prof. R. O.), Director of the Observatories, Madingley Road, Cambridge, England.
- REEVES (Dr E. M.), Harvard College Observatory, 60 Garden Street, Cambridge 38, Massachusetts, U.S.A.
- REEVES (Dr H.), Department of Physics, University of Montreal, Montreal, Quebec, Canada.
- REID (Dr J. H.), Sacramento Peak Observatory, Sunspot, New Mexico 88349, U.S.A.
- REINMUTH (Dr K.), Häusserstrasse 61, Heidelberg, Germany.
- REIZ (Prof. A.), University Observatory, Østervoldsgade 3, Copenhagen-K, Denmark.
- RICE (D. A.), Department of Commerce, U.S. Coast and Geodetic Survey, Washington 25, D.C., U.S.A.
- RICHARDSON (Dr E. H.), Dominion Astrophysical Observatory, Victoria, B.C., Canada.
- RICHARDSON (R. S.), Griffith Observatory, P.O. Box 27787, Los Feliz Station, Los Angeles 27, California, U.S.A.
- RICHTER (Dr N.), Karl Schwarzschild Observatorium Tautenburg, Kreis Jena, Germany.
- RIGHINI (Prof. G.), Direttore, Osservatorio Astrofisico di Arcetri, via S. Leonardo 75, Florence, Italy.
- RIGUTTI (Dr M.), Osservatorio Astrofisico di Arcetri, via S. Leonardo 75, Florence, Italy.
- RIJVES (Dr V. G.), [Dr W. G.], Institute of Physics, Mathematics and Mechanics, Academy of Sciences of the Estonian S.S.R., Tartu, U.S.S.R.
- RINDLER (Prof. W.), Graduate Research Center, P.O. Box 30365, Dallas, Texas 75230, U.S.A.
- RINEHART (Dr J. S.), Assistant Director for Research and Development, Coast and Geodetic Survey, Washington Science Center, Rockville, Maryland 20852, U.S.A.
- RING (Dr J.), Department of Applied Physics, The University, Hull, England.
- RINGNES (T. S.), Institute of Theoretical Astrophysics, University of Oslo, Blindern, Norway.
- RJABOV (Dr Ju. A.), [Dr Yu. A.], Sternberg Astronomical Institute, Moscow, U.S.S.R.
- ROACH (Dr F. E.), National Bureau of Standards, Boulder, Colorado, U.S.A.
- ROBERTS (Dr J. A.), Division of Radiophysics, C.S.I.R.O., University Grounds, Chippendale, N.S.W., Australia.
- ROBERTS (Dr M. S.), National Radio Astronomy Observatory, Green Bank, West Virginia 24944, U.S.A.
- ROBERTS (Dr W. O.), National Center for Atmospheric Research, Boulder, Colorado, U.S.A.
- ROBERTSON (W. H.), Sydney Observatory, Sydney, N.S.W., Australia.
- ROBINSON (Prof. I.), Graduate Research Center, P.O. Box 30365, Dallas, Texas 75230, U.S.A.
- ROBLEY (Dr R.), Observatoire du Pic-du-Midi, par Bagnères-de-Bigorre (Hautes-Pyrénées), France.
- RODGERS (Dr A. W.), Mount Stromlo Observatory, Canberra, A.C.T., Australia.

- ROEMER (Miss Dr E.), Lunar and Planetary Laboratory, University of Arizona, Tucson, Arizona 85721, U.S.A.
- ROGERSON (J. B.), Princeton University Observatory, 265 FitzRandolph Road, Princeton, New Jersey 08540, U.S.A.
- ROMAN (Miss Dr N. G.), NASA Headquarters, Washington, D.C. 20546, U.S.A.
- ROMANÁ PUJO S. J. (Dr A.), Director, Observatorio del Ebro, Apartado 9, Tortosa, Spain.
- ROMANO (Dr G.), Viale S. Francesco 7, Treviso, Italy.
- ROMANSKAJA (Mrs Dr S. V.), [Romanskaya], Pulkovo Observatory, Leningrad, U.S.S.R.
- RÖSCH (Prof. J.), Directeur de l'Observatoire du Pic-du-Midi, par Bagnères-de-Bigorre (Hautes-Pyrénées), France.
- ROSEN (Dr B.), Institut d'Astrophysique, Université de Liège, Cointe-Sclessin, (Liège), Belgium.
- ROSINO (Prof. L.), Director, Astrophysical Observatory, Asiago (Vicenza), Italy.
- ROSSELAND (Prof. S.), Director, Institute of Theoretical Astrophysics, University of Oslo, Blindern, Norway.
- ROTTENBERG (Dr J. A.), 311 El Dorado Avenue, Pointe Claire, Québec, Canada.
- ROUGOOR (G. W.), University Observatory, Sterrenwacht, Leiden, The Netherlands.
- ROUTLY (Dr P. M.), Princeton University Observatory, 265 FitzRandolph Road, Princeton, New Jersey 08540, U.S.A.
- ROXBURGH (Dr I.), King's College, Strand, London, W.C.2, England.
- ROY (Dr A. E.), Department of Astronomy, University of Glasgow, Glasgow, W.2, Scotland.
- Rožkovskij (Dr D. A.), [Rozhkovskij], Astrophysical Institute, Alma Ata, U.S.S.R.
- ROZIS-SAULGEOT (Mme A. M.), Faculté des Sciences, Route de Gray, La Boulaie, Besançon (Doubs), France.
- RUBAŠEV (Dr B. M.), [Rubashev], Pulkovo Observatory, Leningrad, U.S.S.R.
- RUBEN (Dr G.), Astrophysical Observatory, Potsdam, Germany.
- RUBIN (Mrs Dr V. C.), Department of Terrestrial Magnetism, Carnegie Institution of Washington, 5241 Broad Branch Road N.W., Washington, D.C., U.S.A.
- RUDKJØBING (Prof. M.), Director, Ole Rømer Observatory, Aarhus C, Denmark.
- RUDNICKI (Dr K.), Mount Wilson and Palomar Observatories, Pasadena, California, U.S.A.
- RUFENER (Dr F.), Observatoire de l'Université de Genève, Geneva, Switzerland.
- RULE (B. R.), Mount Wilson and Palomar Observatories, 813 Santa Barbara Street, Pasadena, California, U.S.A.
- RUPRECHT (Dr J.), Astronomical Institute, Czechoslovak Academy of Sciences, Budečská 6, Prague 2, Czechoslovakia.
- RUTLLANT (Prof. F.), Director del Observatorio Astronómico de la Universidad de Chile, Casilla 36-D, Santiago de Chile, Chile.
- RYBKA (Prof. Dr E.), Director, Cracow Astronomical Observatory, Kopernika 27, Cracow, Poland.
- RYBKA (Dr P.), Astronomical Institute of the Wrocław University, Dembowskiego 19, Wrocław 9, Poland.
- RYDBECK (Dr O. E. H.), Research Laboratory of Electronics, Chalmers University of Technology, Gibraltargatan 5G, Gothenburg, Sweden.
- RYLE (Prof. M.), Cavendish Laboratory, Free School Lane, Cambridge, England.
- SADLER (D. H.), Superintendent, H.M. Nautical Almanac Office, Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.
- SADLER (Mrs F. M. McBain), H.M. Nautical Almanac Office, Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.

- SAFRONOV (Dr V. S.), O. Schmidt Institute of Physics of the Earth, U.S.S.R. Academy of Sciences, B. Gruzinskaja 10, Moscow 242, U.S.S.R.
- SAGAN (Prof. C.), Harvard College and Smithsonian Astrophysical Observatory, 60 Garden Street, Cambridge, Massachusetts 02138, U.S.A.
- SAHADE (Dr J.), Observatorio Astronómico, La Plata, Argentina.
- SAHAROV (Dr V. I.), [Sakharov], Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- SAITO (Dr K.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- SAITO (Dr S.), Kwasan Observatory, University of Kyoto, Yamashina, Kyoto, Japan.
- SALPETER (Dr E. E.), Newman Laboratory, Cornell University, Ithaca, New York, U.S.A.
- SALPETER S. J. (Dr E. W.), Specola Vaticana, Castel Gandolfo, Vatican City State.
- SAMAHY (Prof. A. H. M.), Director, Helwan Observatory, Helwan, near Cairo, Egypt.
- SANAMJAN (Dr V. A.), [Sanamian], Burakan Astrophysical Observatory, Erevan, Armenia, U.S.S.R.
- SANDAGE (A.), Mount Wilson and Palomar Observatories, 813 Santa Barbara Street, Pasadena, California, U.S.A.
- SANDAKOVA (Dr E. V.), Kiev University Observatory, Kiev, U.S.S.R.
- SANDERS (P.), Observatoire Royal de Belgique, 3 avenue Circulaire, Uccle-Brussels 18, Belgium.
- SANDIG (Prof. H.-U.), Observatory of the Technical University, Lohrmann Institut, Dresden 8027, Germany.
- SANTOS (Dr A. J. Baptista dos), Observatorio Astronomico, Tapada, Lisbon, Portugal.
- SARABHAI (V. A.), Physical Research Laboratory, Navrangpura, Ahmedabad, India.
- SATO (Dr Y.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- SAVEDOFF (Prof. M. P.), University of Rochester, River Campus, Rochester 20, New York, U.S.A.
- SAWYER HOGG (Mrs Dr H. B.), David Dunlap Observatory, Richmond Hill, Ontario, Canada.
- SCHADEE (Dr A.), Astronomical Observatory 'Sonnenborgh', Zonnenburg 2, Utrecht, The Netherlands.
- SCHAIFERS (Dr K.), Landessternwarte, 69 Heidelberg-Königstuhl, Germany.
- SCHALÉN (Prof. C.), Director of the Observatory, Lund, Sweden.
- SCHATZMAN (Prof. E. L.), Institut d'Astrophysique, 98bis boulevard Arago, Paris-14e, France.
- SCHEEPMAKER (Dr A. C.), Observatorio Astronómico de Quito, Apartado 165, Quito, Ecuador.
- SCHEFFLER (Dr H.), Landessternwarte, 69 Heidelberg-Königstuhl, Germany.
- SCHEUER (Dr P. A. G.), Mullard Radio Astronomy Observatory, Cavendish Laboratory, Free School Lane, Cambridge, England.
- SCHILLER (Prof. Dr K.), Leiter der Sternwarte Frankfurt, Senckenberg-Anlage 23, Frankfurt (Main), Germany.
- SCHILT (Prof. J.), 481 Greenville Avenue, Centerdale 11, Rhode Island, U.S.A.
- SCHLÜTER (Prof. Dr A.), Max-Planck-Institut für Physik und Astrophysik, Institut für Astrophysik, Aumeisterstrasse 6, Munich 23, Germany.
- SCHMEIDLER (Prof. Dr F.), Universitäts-Sternwarte, Sternwartstrasse 23, Munich 27, Germany.
- SCHMIDT (Prof. Dr H.), Observatorium Hoher List der Universitäts-Sternwarte Bonn, über Daun (Eifel), Germany.
- SCHMIDT (Dr H.-U.), Max-Planck-Institut für Physik und Astrophysik, Föhringer Ring 6, 8 Munich 23, Germany.
- SCHMIDT (Dr K.-H.), University Observatory, Jena, Germany.
- SCHMIDT (Dr M.), Mount Wilson and Palomar Observatories, 1201 East California Street, Pasadena, California, U.S.A.
- SCHMIDT-KALER (Dr Th.), Universitäts-Sternwarte Bonn, Poppelsdorfer Allee 49, Bonn, Germany.

- SCHMITT (A.), Observatoire de Strasbourg, Strasbourg (Bas-Rhin), France.
- SCHNELLER (Prof. Dr H.), Astrophysikalisches Observatorium, Telegrafenberge, Potsdam, Germany.
- SCHRÖTER (Dr E. H.), Universitäts-Sternwarte, 34 Göttingen, Germany.
- SCHRUTKA-RECHENSTAMM (Prof. Dr G.), Universitäts-Sternwarte Wien, Türkenschanzstrasse 17, Vienna XVIII/110, Austria.
- SCHUBART (Dr J.), Astronomisches Rechen-Institut, Mönchhofstrasse 12-14, Heidelberg, Germany.
- SCHÜCKING (Dr E.), Address unknown.
- SCHULTE (Dr D. H.), Kitt Peak National Observatory, 950 North Cherry Avenue, Box 4130, Tucson, Arizona, U.S.A.
- SCHÜRER (Prof. Dr M.), Astronomisches Institut der Universität Bern, Sidlerstrasse 5, Bern, Switzerland.
- SCHWARZ (Dr U. J.), Kapteyn Astronomical Laboratory, Broerstraat 7, Groningen, The Netherlands.
- SCHWARZSCHILD (Prof. M.), Princeton University Observatory, 265 FitzRandolph Road, Princeton, New Jersey, U.S.A. Vice-President of the Union.
- SCIAMA (Prof. D. W.), University of Cambridge, Department of Applied Mathematics and Theoretical Physics, Free School Lane, Cambridge, England.
- SCONZO (Dr P.), Federal Systems Division I.B.M., 1730 Cambridge Street, Cambridge 38, Massachusetts, U.S.A.
- SCOTT (Prof. E. L.), Statistical Laboratory, University of California, Berkeley 4, California, U.S.A.
- SCOTT (F. P.), U.S. Naval Observatory, Washington, D.C. 20390, U.S.A.
- SCOTT (Dr P. F.), Mullard Radio Astronomy Observatory, Cavendish Laboratory, Free School Lane, Cambridge, England.
- SEARLE (Dr L.), Mount Stromlo Observatory, Mount Stromlo, Canberra, A.C.T., Australia.
- SEARS (Dr R. L.), Astronomy Department, Physics-Astronomy Building, University of Michigan, Michigan 48104, U.S.A.
- SEATON (Prof. M. J.), Department of Physics, University College London, Gower Street, London, W.C.1, England.
- SEDDON (H.), The Royal Observatory, Blackford Hill, Edinburgh 9, Scotland.
- SEEGER (Dr Ch. L.), Department of Astronomy, 403 Physics Building, The University of Texas, Austin, Texas 78712, U.S.A.
- SEHNAL (L.), Astronomical Institute, Czechoslovak Academy of Sciences, Observatory Ondřejov, Czechoslovakia.
- SEITTER (Dr W. C.), Universitäts-Sternwarte Bonn, Observatorium Hoher List, 5568 Daun/Eifel, Germany.
- SEMENOV (Prof. Dr L. I.), Nikolaiev Branch of the Pulkovo Observatory, Leningrad, U.S.S.R.
- SÉMIROT (Dr P.), Directeur de l'Observatoire de Bordeaux, Floirac (Gironde), France.
- SEN (Dr H. K.), High Temperature Section, Thermal Radiation Laboratory, Air Force Cambridge Research Center, Bedford, Massachusetts, U.S.A.
- SERKOWSKI (Dr K.), Astronomical Observatory of the Warsaw University, Al. Ujazdowskie 4, Warsaw, Poland.
- SĒRSIC (Dr J. L.), Observatorio Astronómico, Córdoba, Argentina.
- SERVAJEAN (Dr R.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- SERVALIC (Dr B. M.), Assistant Professor, Astronomksa Observatorija, Veliki Vrancar, Belgrade, Yugoslavia.
- SEVERNÝ (Prof. Dr A. B.), [Severny], Director, Crimean Astrophysical Observatory, P/O Nauchny, Crimea, U.S.S.R. Vice-President of the Union.
- SHAKESHAFT (Dr J. R.), St Catharine's College, Cambridge, England.

- SHANE (Dr C. D.), P.O. Box 582, Santa Cruz, California, U.S.A.
- SHANE (W. W.), University Observatory, Sterrenwacht, Leiden, The Netherlands.
- SHAO (Cheng-yuan), Harvard College Observatory, Cambridge 38, Massachusetts, U.S.A.
- SHAPLEY (A. H.), C.R.P.L., National Bureau of Standards, Boulder, Colorado, U.S.A.
- SHAPLEY (Prof. Dr H.), Sharon Cross Road, Peterboro, New Hampshire, U.S.A.
- SHAPLEY (Mrs M. B.), Sharon Cross Road, Peterboro, New Hampshire, U.S.A.
- SHAPOSHNIKOVA (Mrs Dr E. F.), [see ŠAPOŠNIKOVA].
- SHAROV (Dr A. S.), [see ŠAROV].
- SHARPLESS (Dr S. L.), Department of Physics and Astronomy, The University of Rochester, Rochester, New York 14627, U.S.A.
- SHAW (Prof. J. H.), Department of Physics and Astronomy, Ohio State University, 174 W. 18th Avenue, Columbus, Ohio, U.S.A.
- SHAW (Prof. R. W.), Clark Hall of Science, Cornell University, Ithaca, New York, U.S.A.
- SHCHEGLOV (Prof. Dr V. P.), [see ŠČEGLOV].
- SHCHEGOLEV (Dr D. E.), [see ŠČEGOLEV].
- SHCHIGOLEV (Prof. B. M.), [see ŠČIGOLEV].
- SHEN (Dr Zee), Department of Mathematics, National Taiwan University, Taipei, Taiwan.
- SHERIDAN (K. V.), Division of Radiophysics, C.S.I.R.O., University Grounds, Chippendale, N.S.W., Australia.
- SHIMIZU (Dr T.), Institute of Astrophysics, College of Science, University of Kyoto, Kyoto, Japan.
- SHIRJAEV (Dr A. V.), [see ŠIRJAEV].
- SHKLOVSKY (Dr I. S.), [see ŠKLOVSKIJ].
- SHOEMAKER (E.), U.S. Geological Survey, Menlo Park, California, U.S.A.
- SHTEINS (Dr K. A.), [see ŠTEJNS].
- SHULBERG (Dr A. A.), [see ŠUL'BERG].
- SIEGEL (C. L.), Göttingen University, Bunsenstrasse 3–5, Göttingen, Germany.
- SILVA (Prof. E. C.), Professor da Escola Naval, Alfeite, Lisbon, Portugal.
- SILVA (Prof. Dr I. F. da), Faculdade de Ciencias, Lisbon, Portugal.
- SIMON (Dr P.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon France.
- SIMON (R.), Institut d'Astrophysique, Université de Liège, Cointe-Sclessin (Liège), Belgium.
- SINNERSTAD (Dr U.), Stockholm Observatory, Saltsjöbaden, Sweden.
- SINTON (Dr W. M.), Lowell Observatory, Flagstaff, Arizona, U.S.A.
- SINVAHL (Dr S. D.), Director, Uttar Pradesh State Observatory, Naini Tal, India.
- SINZI (Dr A. M.), Hydrographic Office, 5 chome, Tsukiji, Chuo-ku, Tokyo, Japan.
- SISSON (G. M.), 'Planetrees', Wall, Hexham, Northumberland, England.
- SITNIK (Dr G. F.), Sternberg Astronomical Institute, Moscow, U.S.S.R.
- SITTERLY (Mrs Dr Ch. Moore), National Bureau of Standards 222.00, Washington 20234, D.C., U.S.A.
- SLAUCITAJS (Prof. Dr Š.), Observatorio Astronómico, La Plata, Argentina.
- SLAVENAS (Prof. Dr P. V.), Kestucio gatve 17–3, Vilnius 4, Lithuanian S.S.R., U.S.S.R.
- SLEE (O. B.), Division of Radiophysics, C.S.I.R.O., University Grounds, Chippendale, N.S.W., Australia.
- SLETTEBAK (Prof. A.), Director, Perkins Observatory, Delaware, Ohio, U.S.A.
- SLONIM (Mrs Dr E. M.), Astronomical Observatory, Tashkent, U.S.S.R.
- SMAK (Dr J.), Astronomical Observatory of Warsaw University, Al. Ujazdowskie 4, Warsaw, Poland.
- SMART (Prof. W. M.), 8 Wellington Road, Edgbaston, Birmingham 15, England.
- SMERD (S. F.), Radiophysics Laboratory, C.S.I.R.O., University Grounds, Chippendale, N.S.W., Australia.
- SMILEY (Dr C. H.), Ladd Observatory, Brown University, Providence, Rhode Island, U.S.A.

- SMIT (Prof. J. A.), Physical Laboratory of the University, Bijlhouwerstraat 6, Utrecht, The Netherlands.
- SMITH (Dr A. G.), Department of Physics, University of Florida, Gainesville, Florida, U.S.A.
- SMITH (B. A.), New Mexico State University Observatory, Box Y, University Park, New Mexico 88070, U.S.A.
- SMITH (Mrs Dr E. v. P.), Department of Physics and Astronomy, University of Maryland, College Park, Maryland, U.S.A.
- SMITH (Dr F. Graham), Nuffield Radio Astronomy Laboratories, Jodrell Bank, Macclesfield, Cheshire, England.
- SMITH (Prof. Harlan J.), Director, McDonald Observatory, Astronomy Department, Room 407 Physics Building, The University of Texas, Austin, Texas 78712, U.S.A.
- SMITH (Dr Henry J.), National Aeronautics and Space Administration, Code SG, Washington 25, D.C., U.S.A.
- SMITH (H. M.), Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.
- SMYTH (Dr M. J.), Royal Observatory, Blackford Hill, Edinburgh 9, Scotland.
- SOBOLEV (Dr V. M.), Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- SOBOLEV (Prof. Dr V. V.), The University, Leningrad, U.S.S.R.
- SOBOLEVA (Mrs Dr N. S.), Main Astronomical Observatory, Academy of Sciences, Pulkovo, U.S.S.R.
- SOCHER (Dr H.), Universitäts-Sternwarte Wien, Türkenschanzstrasse 17, Vienna XVIII/110, Austria.
- SOFRONICKIJ (Dr A. V.), [Sofronitski], Moscow Aviation Institute, Moscow D. 80, U.S.S.R.
- SOMERVILLE (Dr W. B.), University College, Gower Street, London, W.C.1, England.
- SPINRAD (Dr H.), Berkeley Astronomical Department, University of California, Berkeley, California, U.S.A.
- SPITZER (Dr L.), Director, Princeton University Observatory, Princeton, New Jersey, U.S.A.
- STAHR-CARPENTER (Mrs Dr M.), Center for Radiophysics and Space Research, Phillips Hall, Cornell University, Ithaca, New York, U.S.A.
- STANLEY (G. J.), California Institute of Technology, Pasadena 4, California, U.S.A.
- STAWIKOWSKI (Dr A.), Astronomical Observatory of Toruń University, Sienkiewicza 30, Toruń, Poland.
- STEARNS (Dr C. L.), Van Vleck Observatory, Middletown, Connecticut, U.S.A.
- STECHER (T. P.), 10 812 Margate Road, Silver Spring, Maryland, U.S.A.
- STEIGER (Prof. W. R.), Hawaii Institute of Geophysics, University of Hawaii, 2525 Correa Road, Honolulu, Hawaii 96822, U.S.A.
- STEINBERG (Dr J. L.), Service de Radioastronomie, Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- STEINITZ (Dr R.), The Hebrew University, Department of Theoretical Physics, Jerusalem, Israel.
- STEINLIN (Dr U. W.), Astronomische Anstalt der Basel Universität, Binningen, Switzerland.
- STEPANOV (Dr W. E.), Post Office Meget, Sibizmiran, Irkutsk, U.S.S.R.
- STEPHENSON (Prof. C. B.), Warner and Swasey Observatory, Case Institute of Technology, Taylor and Brunswick Roads, East Cleveland, Ohio 44112, U.S.A.
- STERNBERK (Dr B.), Director, Astronomical Institute, Czechoslovak Academy of Sciences, Budecská 6, Prague 2, Czechoslovakia.
- STERNE (Dr T. E.), Smithsonian Astrophysical Observatory, 60 Garden Street, Cambridge 38, Massachusetts, U.S.A.
- STEŠENKO (Dr N. V.), [Steshenko], Crimean Astrophysical Observatory, P/O Nauchny, Crimea, U.S.S.R.

- STEWART (Dr J. Q.), Princeton University Observatory, Princeton, New Jersey, U.S.A.
- STIBBS (Prof. D. W. N.), University Observatory, Buchanan Gardens, St Andrews, Fife, Scotland.
- STICKER (Prof. Dr B.), Direktor des Instituts für Geschichte der Naturwissenschaften, Hartungstrasse 5, Hamburg 13, Germany.
- STOCK (Dr J.), Warner and Swasey Observatory, East Cleveland 12, Ohio, U.S.A.
- STODÓLKIEWICZ (Dr J. S.), Astronomical Observatory of Warsaw University, Al. Ujazdowskie 4, Warsaw, Poland.
- STOY (Dr R. H.), H.M. Astronomer, Royal Observatory, Observatory, Cape Province, South Africa.
- STOYKO (Mme A.), Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- STOYKO (Dr N.), Observatoire de Paris, 61 avenue de l'Observatoire, Paris-14e, France.
- STRAND (Dr K. Aa.), U.S. Naval Observatory, Washington, D.C. 20390, U.S.A.
- STRASSL (Prof. Dr H.), Direktor des Astronomischen Instituts der Universität, Steinfurterstrasse 107, Münster (Westfalen), Germany.
- STROBEL (Dr W.), Astronomisches Rechen-Institut, Mönchhofstrasse 12-14, 69 Heidelberg, Germany.
- STROHMEIER (Dr W.), Direktor der Remeis Sternwarte, Sternwartestrasse 7, Bamberg, Germany.
- STRÖMGREN (Prof. B.), The Institute for Advanced Study, School of Mathematics, Princeton, New Jersey, U.S.A.
- STRONG (Prof. J. D.), Laboratory of Astrophysics and Physical Meteorology, Johns Hopkins University, Baltimore 18, Maryland, U.S.A.
- STUMPFF (Prof. Dr K.), Geismarlandstrasse 13, Göttingen, Germany.
- STUMPFF (Dr P.), Astronomisches Rechen-Institut, Mönchhofstrasse 12-14, 69 Heidelberg, Germany.
- SUBBOTIN (Prof. Dr M. F.), Director, Institute of Theoretical Astronomy, Leningrad V.164, U.S.S.R.
- SUDA (Dr K.), Astronomical Institute, Tohoku University, Sendai, Japan.
- SUEMOTO (Dr Z.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- SUGAWA (Dr C.), International Latitude Observatory of Mizusawa, Mizusawa-shi, Iwate-ken, Japan.
- SUHAREV (Dr L. A.), [Sukharev], Pulkovo Observatory, Leningrad, U.S.S.R.
- SVESTKA (Dr Z.), Astronomical Institute, Czechoslovak Academy of Sciences, Observatory Ondřejov, Czechoslovakia.
- SWARUP (Dr G.), Tata Institute of Fundamental Research, Bombay, India.
- SWEET (Prof. P. A.), The University Observatory, Glasgow, W.2, Scotland.
- SWENSSON (Dr J. W.), Fysiska Institutionen, Lund, Sweden.
- SWIHART (Dr T. L.), Steward Observatory, University of Arizona, Tucson, Arizona, U.S.A.
- SWINGS (Prof. P.), Directeur de l'Institut d'Astrophysique, Université de Liège, Cointe-Sclessin (Liège), Belgium. President of the Union.
- SWOPE (Miss H. H.), Mount Wilson and Palomar Observatories, 813 Santa Barbara Street, Pasadena, California, U.S.A.
- SYKES (Dr J. B.), 20 Milton Lane, Steventon, Abingdon, Berkshire, England.
- SYKES-HART (Mrs A. B.), University Observatory, Oxford, England.
- SYMMS (L. S. T.), Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.
- SYTINSKAJA (Mrs Dr N. N.), [Sytinskaya], University Observatory, Leningrad, U.S.S.R.
- SZAFRANIEC (Miss Dr R.), Astronomical Observatory, Kopernika 27, Cracow, Poland.
- SZEBEHELY (Prof. V. G.), Yale University Observatory, Box 2023 Yale Station, New Haven, Connecticut, U.S.A.

- ŠAPOŠNIKOVA (Mrs Dr E. F.), [Shaposhnikova], Crimean Astrophysical Observatory, P/O Nauchny, Crimea, U.S.S.R.
- ŠAROV (Dr A. S.), [Sharov], Sternberg Astronomical Institute, Moscow, U.S.S.R.
- ŠČEGLOV (Prof. Dr V. P.), [Shcheglov], Director, Astronomical Observatory, Tashkent, U.S.S.R.
- ŠČEGOLEV (Dr D. E.), [Shchegolev], Pulkovo Observatory, Leningrad, U.S.S.R.
- ŠČIGOLEV (Prof. B. M.), [Shchigolev], Sternberg Astronomical Institute, Moscow, U.S.S.R.
- ŠIRJAEV (Dr A. V.), [Shirjaev], Astronomical Observatory, Leningrad University, Leningrad, U.S.S.R.
- ŠKLOVSKIJ (Dr I. S.), [Shklovsky], Sternberg Astronomical Institute, Moscow, U.S.S.R.
- ŠTEJNS (Dr K. A.), [Shteins], Latvian University, Riga, U.S.S.R.
- ŠUL'BERG (Dr A. R.), [Schulberg], Astronomical Observatory, Odessa University, Odessa, U.S.S.R.
- TAFFARA (Prof. S.), Osservatorio Astronomico, Padova, Italy.
- TAKAGI (Dr S.), International Latitude Observatory of Mizusawa, Mizusawa-shi, Iwate-ken, Japan.
- TAKAKUBO (Dr K.), Astronomical Institute, Faculty of Science, Tohoku University, Sendai, Japan.
- TAKAKURA (Dr T.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- TAKASE (Dr B.), Department of Astronomy, Faculty of Science, University of Tokyo, Bunkyo, Tokyo, Japan.
- TAKENOUCHI (Dr T.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- TANDBERG-HANSSEN (Dr E.), High Altitude Observatory, University of Colorado, Boulder, Colorado, U.S.A.
- TANNAHILL (Dr T. R.), University Observatory, Glasgow, W.2, Scotland.
- TANNER (R. W.), Dominion Observatory, 3 Observatory Crescent, Ottawa, Ontario, Canada.
- TARDI (Prof. P.), 4 villa de Sécur, Paris-7e, France.
- TAVARES (Dr J. C. T. L.), University of Coimbra, Coimbra, Portugal.
- TAVASTSERNA (Dr K. N.), [Tavastsherna], Main Astronomical Observatory, Academy of Sciences, Pulkovo, Leningrad M-140, U.S.S.R.
- TAYLER (Dr R. J.), Corpus Christi College, Cambridge, England.
- TCHEKIRDA (Dr A. T.) [see ČEKIRDA].
- TCHENAKAL (Dr V. L.) [see ČENAKAL].
- TÉHÉRANY (D.), 9 avenue des Scarabées, Brussels 1, Belgium.
- TELEKI (Dr G.), Astronomical Observatory, Volgina 7, Belgrade, Yugoslavia.
- TEMESVÁRY (Dr S.), Max-Planck-Institut für Physik und Astrophysik, Institut für Astrophysik, Aumeisterstrasse 6, Munich 23, Germany.
- TEMPESTI (Prof. P.), Osservatorio Astronomico di Collurania, Teramo, Italy.
- TER HAAR (Dr D.), Magdalen College, Oxford, England.
- TERRAZAS (L. R.), Tonantzintla and Tacubaya Observatories, Mexico.
- TERRIEN (Dr J.), Directeur, Bureau International des Poids et Mesures, Pavillon de Breteuil, 92-Sèvres, France.
- THACKERAY (Dr A. D.), Director, Radcliffe Observatory, P.O. Box 373, Pretoria, South Africa.
- THE (Dr Pik Sin), Bosscha Observatory, Lembang, Java, Indonesia.
- THERNÖE (K. A.), University Observatory, Østervoldsgade 3, Copenhagen-K, Denmark.
- THIRY (Prof. Y.), Professeur à la Faculté des Sciences de l'Université de Paris, 7-9 quai St-Bernard, Paris-5e, France.
- THOMAS (Dr D. V.), Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.
- THOMAS (Dr R. N.), Joint Institute for Laboratory Astrophysics, University of Colorado, Boulder, Colorado 80304, U.S.A.

- THOMPSON (Dr A. R.), Radio Astronomy Institute, Stanford University, Stanford, California 94305, U.S.A.
- THOMPSON (Dr G. I.), The Royal Observatory, Blackford Hill, Edinburgh 9, Scotland.
- THOMSON (Dr J. H.), Nuffield Radio Astronomy Observatory, Jodrell Bank, Macclesfield, Cheshire, England.
- THOMSON (M. M.), Dominion Observatory, 3 Observatory Crescent, Ottawa, Ontario, Canada.
- TIFFT (Dr W. G.), Lowell Observatory, Flagstaff, Arizona, U.S.A.
- TILLES (Dr D.), Smithsonian Astrophysical Observatory, 60 Garden Street, Cambridge, Massachusetts 02138, U.S.A.
- TLAMICHA (Ing. A.), Astronomical Institute, Czechoslovak Academy of Sciences, Observatory Ondřejov, Czechoslovakia.
- TOMBAUGH (C. W.), New Mexico State University, Research Center, University Park, New Mexico, U.S.A.
- TORAO (M.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- TORGARD (Miss Dr I. H. M.), Lund Observatory, Lund, Sweden.
- TORONDŽADZE (Dr A. F.), [Torondzhadze], Abastumani Observatory, Abastumani, Georgia, U.S.S.R.
- TORROJA (Dr J. M.), University of Madrid, Madrid 3, Spain.
- TOUSEY (Dr R.), U.S Naval Research Laboratory, Washington 25, D.C., U.S.A.
- TOWNES (Dr C. H.), Department of Physics, Columbia University, New York, N.Y., U.S.A.
- TRAVING (Dr G.), Institut für Theoretische Physik, Olshausenstrasse, Neue Universität, Bau 13/I, Kiel, Germany.
- TREANOR S. J. (Dr. P. J.) Specula Vaticana, Castel Gandolfo, Vatican City State.
- TREFFTZ (Miss Dr E.), Max-Planck-Institut für Physik und Astrophysik, Aumeisterstrasse 6, Munich 23, Germany.
- TREHAN (Dr S. K.), Department of Physics and Astrophysics, University of Delhi, Delhi, India.
- TRELLIS (M.), Observatoire de Nice, Le Mont-Gros, Nice (Alpes-Maritimes), France.
- TREXLER (J. H.), U.S. Naval Research Laboratory, Washington 25, D.C., U.S.A.
- TROICKIJ (Dr V. S.), [Troitsky], Scientific Radiophysical Institute, Gorky, U.S.S.R.
- T'S'AI (Chang-hsien), Taipei Observatory, Yuan Shan, Taipei, Taiwan.
- TSIAO (Prof. Mo), 47, 3rd Section, Hsin-I Road, Taipei, Taiwan.
- TSESEVICH (Prof. Dr V. P.), [see CISEVIČ].
- TSIANG (Dr Ping-jan), National Taiwan University, Taipei, Taiwan.
- TSUBOKAWA (Dr I.), Geographical Survey Institute of Japan, 7-1000 Kamimeguro, Meguro-ku, Tokyo, Japan.
- TUCKER (R. H.), Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.
- TUOMINEN (Prof. J. V.), Pihlajatie 49 B 20, Helsinki-Töölö, Finland.
- TUVE (Dr M. A.), Carnegie Institution of Washington, Department of Terrestrial Magnetism, 5241 Broad Branch Road, N.W., Washington 15, D.C., U.S.A.
- TUZI (Dr K.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- TWISS (Dr R. Q.), address unknown.
- UENO (Dr S.), Institute of Astrophysics, College of Science, University of Kyoto, Kyoto, Japan.
- UETA (Dr J.), Department of Astronomy, Faculty of Science, Kyoto University, Kyoto, Japan.
- UNDERHILL (Prof. Dr A. B.), Astronomical Observatory 'Sonnenborgh', Servaas Bolwerk 13, Utrecht, The Netherlands.
- UNNO (Dr W.), Department of Astronomy, Faculty of Science, University of Tokyo, Bunkyo, Tokyo, Japan.

- UNSÖLD (Prof. Dr A.), Direktor des Instituts für Theoretische Physik, Olshausenstrasse, Neue Universität, Bau 13/I, Kiel, Germany.
- UREY (Prof. H. C.), University of California, La Jolla, California, U.S.A.
- VÄISÄLÄ (Prof. Y.), Puolalanpuisto 1, Turku, Finland.
- VALNIČEK (Dr B.), Astronomical Institute, Czechoslovak Academy of Sciences, Observatory Ondřejov, Czechoslovakia.
- VAN ALBADA (Prof. G. B.), Astronomical Institute, Roetersstraat 1a, Amsterdam-C, The Netherlands.
- VAN BIESBROECK (Prof. G.), Lunar and Planetary Laboratory, University of Arizona, Tucson, Arizona, U.S.A.
- VAN BUEREN (Prof. H. G.), Astronomical Observatory 'Sonnenborgh', Zonnenburg 2, Utrecht, The Netherlands.
- VAN DE HULST (Prof. Dr H. C.), University Observatory, Leiden, The Netherlands.
- VAN DE KAMP (Prof. P.), Director, Sproul Observatory, Swarthmore College, Swarthmore, Pennsylvania, U.S.A.
- VANDEKERKHOVE (Dr E.), Observatoire Royal de Belgique, 3 avenue Circulaire, Uccle-Brussels 18, Belgium.
- VAN DEN BERGH (Dr S.), David Dunlap Observatory, Richmond Hill, Ontario, Canada.
- VAN DEN BOS (Dr W. H.), c/o Republic Observatory, Johannesburg, South Africa.
- VAN DER BORGHT (Prof. R.), Department of Mathematics, Monash University, Melbourne, Australia.
- VANDERLINDEN (Prof. H. L.), Hertogsdreef 15, Bosvoorde-Brussels 17, Belgium.
- VANDERVOORT (Prof. P. O.), Department of Astronomy, University of Chicago, Illinois, U.S.A.
- VAN HERK (Dr G.), Sterrewacht 6, Kaiserstraat, Leiden, The Netherlands.
- VAN HOOF (Prof. A.), Sterrenkundig Instituut van de Universiteit, 61 Naamsche Straat, Leuven, Belgium.
- VAN HOUTEN (Dr C. J.), University Observatory, Leiden, The Netherlands.
- VAN HOUTEN-GROENEVELD (Mrs I.), University Observatory, Leiden, The Netherlands.
- VAN REGEMORTER (Dr H.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- VAN SCHEWICK (Dr H.), Universitäts-Sternwarte Bonn, Poppelsdorfer Allee 49, Bonn, Germany.
- VAN T'VEER (Mrs Dr C.), Institut d'Astrophysique, 98bis, boulevard Arago, Paris-14e, France.
- VAN T'VEER ((Dr F.), Institut d'Astrophysique, 98bis, boulevard Arago, Paris-14e, France.
- VAN WIJK (U.), Princeton University Observatory, Princeton, New Jersey, U.S.A.
- VAN WOERDEN (Dr H.), Kapteyn Astronomical Laboratory, Broerstraat 7, Groningen, The Netherlands.
- VANÝSEK (Dr V.), Astronomical Institute of the Charles University, Svědská 8, Prague 5, Czechoslovakia.
- VARDYA (Dr M. S.), Sterrewacht der Rijks Universiteit, Zonnenburg 2, Utrecht, The Netherlands.
- VARSAVSKY (Dr C. M.), Las Heras 1975 (6°A), Buenos Aires, Argentina.
- VASILEVSKIS (Dr S.), Lick Observatory, Mount Hamilton, California 95140 U.S.A.
- VASSY (Prof. E.), Professeur à la Faculté des Sciences, Physique de l'Atmosphère, 1 quai Branly, Paris-7e, France.
- VAUQUOIS (B.), Maître de Conférences à la Faculté des Sciences, Grenoble (Isère), France.
- VELGHE (Prof. A. G.), Directeur de l'Observatoire Royal de Belgique, 3 avenue Circulaire, Uccle-Brussels 18, Belgium.
- VENTER (S. C.), P.O. Box 1416, Pretoria, Transvaal, South Africa.

- VERBAANDERT (Dr J.), Observatoire Royal de Belgique, 3 avenue Circulaire, Uccle-Brussels 18, Belgium.
- VERGNANO (Prof. A.), Osservatorio Astronomico, Pino Torinese, Italy.
- VICENTE (Prof. Dr R. O.), R. Mestre Aviz, 30, R/c, Algés, Portugal.
- VIDAL (Dr J. M. C.), Avenida José Antonio 677, Barcelona, Spain.
- VITKEVIĆ (Dr V. V.), [Vitkevitch], Chief of the Department of Radio Astronomy, Physical Institute, Moscow, U.S.S.R.
- VOIGT (Prof. Dr H. H.), Direktor der Universitäts-Sternwarte, Geismarlandstrasse 11, 34 Göttingen, Germany.
- VON DER HEIDE (Dr J. E. B.), Hamburger Sternwarte, Hamburg-Bergedorf, Germany.
- VON HOERNER (Dr S.), National Radio Astronomy Observatory, P.O. Box 2, Green Bank, West Virginia, U.S.A.
- VON KLÜBER (Dr H.), The Observatories, Madingley Road, Cambridge, England.
- VON WEIZSÄCKER (Prof. Dr C. F.), Schwarzbuchenweg 40, Hamburg-Wellingbüttel, Germany.
- VORONCOV-VEL'JAMINOV (Prof. Dr B. A.), [Vorontsov-Velyaminov], Sternberg Astronomical Institute, Moscow, U.S.S.R.
- VSEHSEVJATSKIJ (Prof. Dr S. K.), [Vsekhsvyatsky], Astronomical Observatory, Kiev 53, U.S.S.R.
- VYSSOTSKY (Prof. A. N.), 905 Garden Drive, Winter Park, Florida, U.S.A.
- WACHMANN (Prof. Dr A. A.), Hamburger Sternwarte, Hamburg-Bergedorf, Germany.
- WADDELL (Dr J. H.), Kitt Peak National Observatory, 950 North Cherry Avenue, Tucson, Arizona, U.S.A.
- WADE (Dr C. M.), National Radio Astronomy Observatory, P.O. Box 2, Green Bank, West Virginia, U.S.A.
- WAGMAN (Dr N. E.), Allegheny Observatory, Riverview Park, Pittsburgh, Pennsylvania 15214, U.S.A.
- WALDMEIER (Prof. Dr M.), Director, Swiss Federal Observatory, Schmelzbergstrasse 25, Zürich 6, Switzerland.
- WALKER (Dr G. A. H.), Dominion Astrophysical Observatory, Victoria, B.C., Canada.
- WALKER (Dr M. F.), Lick Observatory, Mount Hamilton, California, U.S.A.
- WALLACE (Dr L. V.), Kitt Peak National Observatory, 950 North Cherry Avenue, Tucson, Arizona, U.S.A.
- WALLENQUIST (Prof. Dr A. A. E.), Uppsala Observatory, Kvistaberg Station, BRO, Sweden.
- WALLERSTEIN (Dr G. N.), Department of Astronomy, University of California, Berkeley 4, California, U.S.A.
- WALRAVEN (Dr Th.), Sterrewacht te Leiden, Leiden, The Netherlands.
- WALSH (Prof. D.), Astronomy Department, University of Michigan, Ann Arbor, Michigan, U.S.A.
- WALTER (Prof. Dr K.), Astronomisches Institut der Universität, Waldhäuserstrasse 64, 74 Tübingen, Germany.
- WAPSTRA (Prof. A.), Voltaplein 19, Amsterdam-O, The Netherlands.
- WARWICK (Mrs Dr C. S.), Sun-Earth Relationships Section, Ionosphere Research and Propagation Division, National Bureau of Standards, Boulder, Colorado, U.S.A.
- WARWICK (Dr J. W.), High Altitude Observatory of the University of Colorado, Boulder, Colorado, U.S.A.
- WARZÉE (Dr J.), Observatoire Royal de Belgique, 3 avenue Circulaire, Uccle-Brussels 18, Belgium.
- WATERFIELD (Dr R. L.), Swinley Road, Ascot, Berkshire, England.
- WATTS (Dr C. B.), U.S. Naval Observatory, Washington 25, D.C., U.S.A.
- WAYMAN (Dr P. A.), Director, Dunsink Observatory, Castleknock, Co. Dublin, Eire.

- WEAVER (Dr H. F.), Radio Astronomy Laboratory, University of California, Berkeley 4, California, U.S.A.
- WEHLAU (Dr W. H.), Department of Mathematics and Astronomy, University of Western Ontario, London, Ontario, Canada.
- WEIDEMANN (Dr V.), Physikalisch-Technische Bundesanstalt, Bundesallee 100, 33 Braunschweig, Germany.
- WEIGERT (Dr A.), Max-Planck-Institut für Physik und Astrophysik, Föhringer Ring 6, 8 Munich 23, Germany.
- WEIMER (Dr Th.), Professeur à la Faculté des Sciences, Directeur de l'Observatoire d'Alger, Bouzaréah, Algeria.
- WELLGATE (G. B.), Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.
- WELLMANN (Prof. P.), Universitäts-Sternwarte, Sternwartstrasse 23, Munich 27, Germany.
- WEMPE (Prof. Dr J.), Direktor des Astrophysikalischen Observatoriums, Telegrafenbergs, Potsdam, Germany.
- WENTZEL (Dr D. G.), The Observatory, University of Michigan, Ann Arbor, Michigan 48104, U.S.A.
- WENZEL (Dr W.), Academy Observatory, Sonneberg, Thüringen, Germany.
- WESSELINK (Dr A. J.), Yale University Observatory, P.O. Box 2023 Yale Station, New Haven, Connecticut, 06520 U.S.A.
- WESTERHOUT (Dr G.), Department of Physics and Astronomy, University of Maryland, College Park, Maryland, U.S.A.
- WESTERLUND (Dr B. E.), Mount Stromlo Observatory, Canberra, A.C.T., Australia.
- WEYMANN (Prof. R. J.), Steward Observatory, University of Arizona, Tucson, Arizona, U.S.A.
- WHIPPLE (Dr F. L.), Director, Smithsonian Astrophysical Observatory, 60 Garden Street, Cambridge 38, Massachusetts, U.S.A.
- WHITAKER (E. A.), Lunar and Planetary Laboratory, University of Arizona, Tucson, Arizona, U.S.A.
- WHITFORD (Dr A. E.), Director, Lick Observatory, Mount Hamilton, California, U.S.A.
- WHITNEY (Prof. B. S.), University of Oklahoma Observatory, Norman, Oklahoma, U.S.A.
- WHITNEY (Dr C. A.), Smithsonian Astrophysical Observatory, 60 Garden Street, Cambridge 38, Massachusetts, U.S.A.
- WHITROW (Dr G. J.), Department of Mathematics, Imperial College of Science and Technology, Prince Consort Road, London, S.W.7, England.
- WIDORN (Dr T.), Universitäts-Sternwarte Wien, Türkenschanzstrasse 17, Vienna XVIII/110, Austria.
- WIERZBÍNSKI (Prof. Dr St.), Astronomical Observatory, Kopernika 11, Wroclaw 9, Poland.
- WIETH-KNUDSEN (Dr N. P.), Svend Trostsvej 12^{II}, Copenhagen-V, Denmark.
- WILCOCK (Dr W. L.), Department of Physics, University College of North Wales, Bangor, Caernarvonshire, England.
- WILD (Dr J. P.), Radiophysics Laboratory, C.S.I.R.O., University Grounds, Chippendale, N.S.W., Australia.
- WILD (P.), Astronomisches Institut der Universität Bern, Sidlerstrasse 5, Berne, Switzerland.
- WILDT (Prof. R.), Yale University Observatory, Box 2023 Yale Station, New Haven, Connecticut, U.S.A.
- WILKENS (Prof. Dr A.), Oberföhringerstrasse 10, Munich 27, Germany.
- WILKINS (Dr G. A.), H.M. Nautical Almanac Office, Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.
- WILLSTROP (Dr R. V.), University Observatories, Madingley Road, Cambridge, England.
- WILSON (Dr A. G.), P.O. Box 113, Topanga, California, U.S.A.

- WILSON (Dr O. C.), Mount Wilson and Palomar Observatories, 813 Santa Barbara Street, Pasadena, California, U.S.A.
- WILSON (Dr R.), Spectroscopy Division, Culham Laboratory, Abingdon, Berkshire, England.
- WITKOWSKI (Dr. J.), Director, Observatory of Poznań, Ul. Śloneczna 36, Poznań, Poland.
- WLÉRICK (Dr G.), Observatoire de Paris, Section d'Astrophysique, 92-Meudon, France.
- WOLTJER (Prof. L.), Department of Astronomy, Columbia University, New York 27, N.Y., U.S.A.
- WOOD (Prof. F. B.), Flower and Cook Observatory, University of Pennsylvania, Philadelphia 4, Pennsylvania, U.S.A.
- WOOD (Dr H. W.), Government Astronomer, The Observatory, Sydney, N.S.W., Australia.
- WOOLARD (E. W.), Director, Nautical Almanac, U.S. Naval Observatory, Washington 25, D.C., U.S.A.
- WOOLF (Dr N. J.), Princeton University Observatory, Department of Astrophysical Sciences, 265 FitzRandolph Road, Princeton, New Jersey, U.S.A.
- WOOLLEY (Sir Richard), Astronomer Royal, Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.
- WOOLSEY (E. G.), Dominion Observatory, Ottawa, Ontario, Canada.
- WORLEY (C. E.), U.S. Naval Observatory, Washington, D.C. 20390, U.S.A.
- WOSZCZYK (Dr A.), Astronomical Observatory of Toruń University, Sienkiewicza 30, Toruń, Poland.
- WRIGHT (Miss Dr F. W.), Harvard College Observatory, Cambridge 38, Massachusetts, U.S.A.
- WRIGHT (Miss H.), 175 West 12th Street, New York, N.Y. 10011, U.S.A.
- WRIGHT (Dr K. O.), Dominion Astrophysical Observatory, R.R. 7 Victoria, B.C., Canada.
- WRUBEL (Dr M. H.), Goethe Link Observatory, Indiana University, Bloomington, Indiana, U.S.A.
- WURM (Prof. Dr K.), Hamburger-Sternwarte, Hamburg-Bergedorf, Germany.
- WYATT (Dr S. P., Jr.), University of Illinois Observatory, Urbana, Illinois, U.S.A.
- WYLLER (Dr A. A.), Institute of Theoretical Astrophysics, Blindern (pr. Oslo), Norway.
- XANTHAKIS (Prof. J.), Research and Computing Center, Academy of Sciences of Athens, Athens, Greece.
- YABUUTI (Dr K.), Research Institute of Humanistic Science, Kyoto University, Kyoto, Japan.
- YAKHONTOVA (Mrs Dr N. Samoilova), [see JAHONTOVA].
- YAKOVKIN (Prof. Dr A. A.), [see JAKOVKIN].
- YAKOVKIN (Dr N. A.), [see JAKOVKIN].
- YAPLEE (B. S.), Code 7134, U.S. Naval Research Laboratory, Washington, D.C. 20390, U.S.A.
- YASUDA (Dr H.), Tokyo Astronomical Observatory, Mitaka-shi, Tokyo, Japan.
- YAVNEL (Dr A. A.), [see JAVNEL'].
- YEN (Dr J. L.), Department of Electrical Engineering, University of Toronto, Toronto, Ontario, Canada.
- YOSS (Dr K. M.), University of Illinois Observatory, Urbana, Illinois, U.S.A.
- YOUNG (Dr A.), Mathematics Department, University of Liverpool, Liverpool 3, England.
- YÜ (Dr Ching-Sung), Williams Observatory, Hood College, Frederick, Maryland, U.S.A.
- YUL (Kim), Phyongyang Astronomical Observatory, Phyongyang, Korea.
- YUMI (Dr S.), International Latitude Observatory of Mizusawa, Mizusawa-shi, Iwate-ken, Japan.
- ZABRISKIE (Prof. F. R.), Van Vleck Observatory, Wesleyan University, Middletown, Connecticut, U.S.A.
- ZADUNAISKY (Dr P. E.), Instituto de Calculo, Facultad de Ciencias Exactas, y Naturales, Universidad Nacional de Buenos Aires, Perú 272, Buenos Aires, Argentina.

- ZAGAR (Prof. F.), Direttore dell'Osservatorio Astronomico, via Brera 28, Milan, Italy.
- ZANSTRA (Prof. H.), Zomerzorgerlaan 9, Bloemendaal, The Netherlands.
- ZEL'MANOV (Dr A. L.), Sternberg Astronomical Institute, Moscow, U.S.S.R.
- ZHELEZNIAKOV (Dr V. V.), [see ŽELEZNJAKOV].
- ZHEVAKIN (Dr S. A.), [see ŽEVAKIN].
- ZHONGOLOVICH (Prof. Dr I. D.), [see ŽONGOLOVIČ].
- ZIMMERMANN (Prof. Dr G. K.), [see CIMMERMAN].
- ZIMMERMANN (Dr H.), University Observatory, Jena, Germany.
- ZINNER (Prof. Dr E.), Remeis-Sternwarte, Sternwartestrasse 7, Bamberg, Germany.
- ZIRIN (Prof. H.), Mount Wilson and Palomar Observatories, 1201 East California Street, Pasadena, California, U.S.A.
- ZIRKER (Dr J. B.), Hawaii Institute of Geophysics, 2525 Correa Road, University of Hawaii, Honolulu, Hawaii 96822, U.S.A.
- ZONN (Prof. W.), Astronomical Observatory, Ujazdowskie 4, Warsaw, Poland.
- ZUCKERMANN (Mlle M. C.), Institut d'Astrophysique, 98bis boulevard Arago, Paris-14e, France.
- ZVEREV (Prof. Dr M. S.), Pulkovo Observatory, Leningrad M-140., U.S.S.R.
- ZWAAN (C.), Astronomical Observatory 'Sonnenborgh', Zonnenburg 2, Utrecht, The Netherlands.
- ZWICKY (Prof. F.), California Institute of Technology, Pasadena, California, U.S.A.
- ŽELEZNJAKOV (Dr V. V.), [Zhelezniakov], Scientific Radiophysical Institute, Gorky, U.S.S.R.
- ŽEVAKIN (Dr S. A.), [Zhevakin], Scientific Radiophysical Institute, Gorky, U.S.S.R.
- ŽONGOLOVIČ (Prof. Dr I. D.), [Zhongolovich], Institute of Theoretical Astronomy, Leningrad, U.S.S.R.

The following, who were Members of the Union in September 1964, have since died:

Les personnes suivantes, qui étaient Membres de l'Union en Septembre 1964, sont décédées depuis cette date:

F. Baldet, D. Barbier, A. Bečvař, D. Brouwer, F. Fernandez de la Puente, W. W. Heinrich, A. R. Hogg, I. G. Izsak, B. Lindblad, J. C. Lindsay, D. B. McLaughlin, J. E. Mack, J. J. Nassau, B. M. Peek, J. G. Perel, R. M. Petrie, J. Racah, N. Robinson, E. Schoenberg, V. V. Sharonov, J. Stebbins, Y. Tsukamoto, A. A. Weiss, F. Wünschmann.