

E-MRS Announces Summer School on Solidification and Casting of Metals

The European Materials Research Society, in cooperation with Ecole des Mines (Nancy, France) and the Royal Institute of Technology (Stockholm, Sweden) will hold an International Summer School on the Solidification and Casting of Metals. The Summer School will be held at the SÅnga-Såby Course Center near Stockholm August 29-September 2, 1988.

The aim of the Summer School is to train researchers from universities, industries, and other institutions to use the new knowledge developed during the last decade for tackling complex problems in the field. An overview for each of the eight topics listed below will precede small group discussions.

For information contact the Secretariat, Department of Casting of Metals, The Royal Institute of Technology, S-100 44 Stockholm, Sweden; telephone 46 8 790 7984 (Elisabeth Lampén); fax 46 8 109199.

Program Topics and Lecturers

- Properties of Cast Products Related to the Structure and Defects Arising from Solidification—Prof. G. Lesoult, Ecole des Mines, Nancy.
- Heat Transfer by Convection and Conduction During Solidification in Different Casting Processes—Dr. D. Hills, Sheffield City Polytechnic, Sheffield.
- Solidification Microstructures: A Metallographic Overview—Prof. H.E. Exner, Max Planck Institute, Stuttgart.
- The Formation of the Microstructure: Underlying Physical Laws—Prof. M. Hil-

lert, Department of Material Science, RIT, Stockholm.

- The Formation of the Macrostructure. A Combination of Heat Flow and Kinetics Laws—Prof. H. Fredriksson, Department of Casting of Metals, RIT, Stockholm.
- Changing Properties by Heat-Treatment—Dr. J. Agren, Department of Physical Metallurgy, RIT, Stockholm.
- Limit of the Properties in Solidified Materials—Prof. G. Grimwall, Department of Theoretical Physic, RIT, Stockholm.
- Finished Shape Casting Processes Tomorrow—Prof. G. Chadwick, University of Southampton, Southampton; and
- Semifinished Casting Processes Tomorrow—Dr. J.P. Birat, IRSID, Metz. □

3rd BACG PHOTOCHEMICAL PROCESSING WORKSHOP

March 24-25, 1988

Riccarton campus of Heriot-Watt University
Edinburgh, Scotland

Sponsored by the British Association for Crystal Growth in association with the Institution of Electrical Engineers, the Institute of Physics, and the Royal Society of Chemistry Applied Solid State Chemistry group.

This workshop meeting follows those successfully held at Cambridge in 1985 and at Oxford in 1987. It aims to cover photochemical processes of present or potential application in semiconductor device fabrication. Papers are welcomed on the techniques of light-induced metallization, insulator deposition, etching, photoablation, epitaxial deposition, and their assessment; and on other novel areas involving the direct interaction of light with gases, liquids or solids to produce or modify surface structures.

The Riccarton campus, seven miles west of Edinburgh center, is easily reached from the center by bus and has ample parking space and its own shop and bank facilities. A reception on the evening of the 24th, and overnight accommodation in the university, is being planned for those who prebook them. Contact: J. Haigh, British Telecom Research Laboratories, Martlesham Heath, Ipswich IP5 7RE, Suffolk, or any member of the organizing committee.

Committee

- Dr. S.J.C. Irvine, RSRE (Chairman)
- Dr. J.I.B. Wilson, Department of Physics, Heriot-Watt (Local Organizer)
- Dr. M.E. Pemble, UMIST (Sponsorship Secretary)
- Dr. P. John, Department of Chemistry, Heriot-Watt (Treasurer)
- Dr. J. Haigh, BTRL (Publicity)