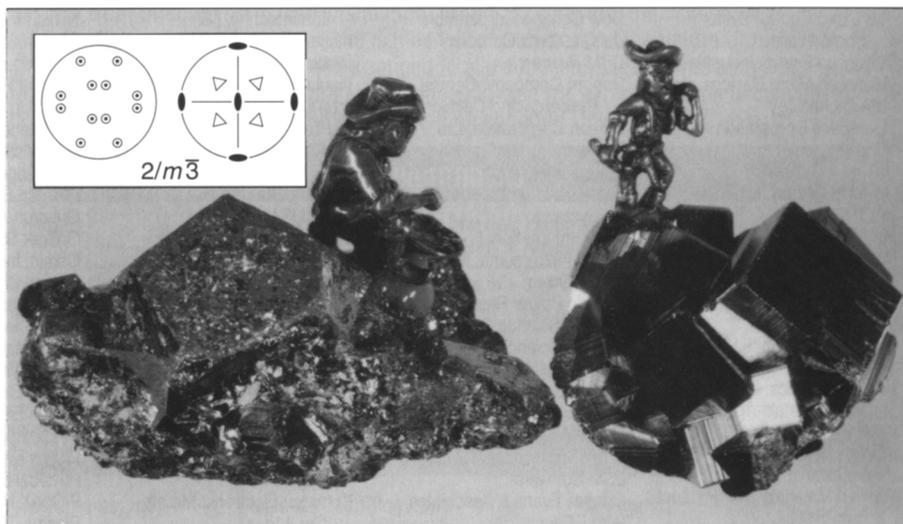


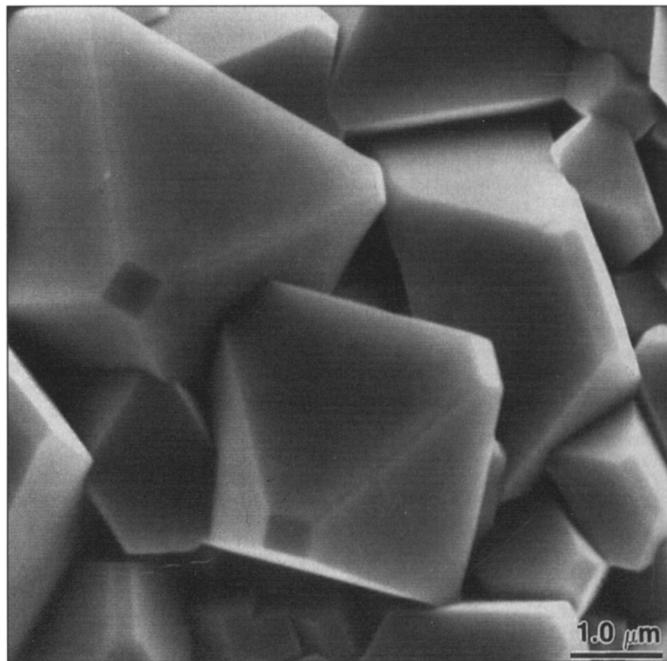
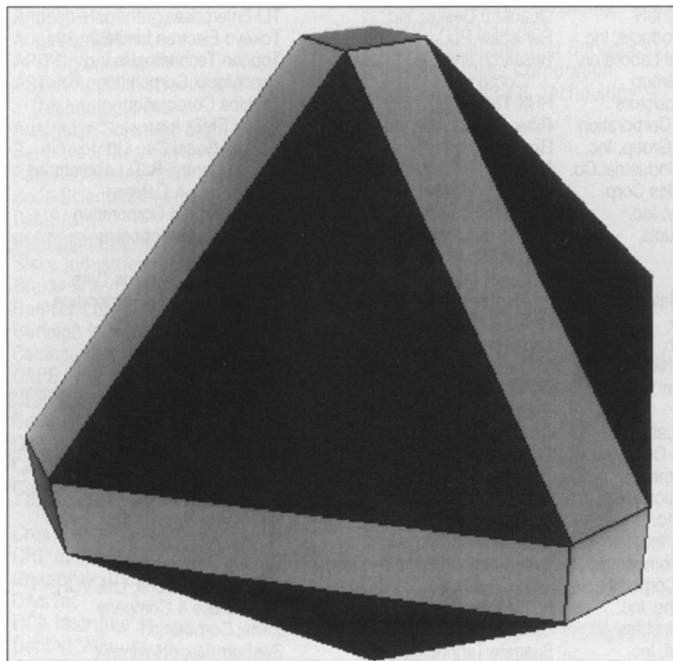
Academic Affairs Committee Announces Symmetry Scapes Winners

Symmetry Scapes, sponsored by the Materials Research Society Academic Affairs Committee, was an MRS photo competition for University Chapters and student organizations. Competition entries were displayed at the 1997 MRS Spring Meeting in San Francisco, with winners announced at the Student Mixer on April 2. The subject of the photos was, as the name states, symmetry, "There is symmetry all around us, from the nano- to the micro- to the macro-scopic." Participants were told that "any symmetry that you've come across in your research, on your campus, in the environment you live in can be submitted. Symmetry elements in all photos must be identified." Winners received monetary prizes for various categories.

The Student Chapter from Brown University received a participant award. Some of the winning entries are reproduced here. The full spectrum can be viewed on the MRS website at <http://www.mrs.org/>.

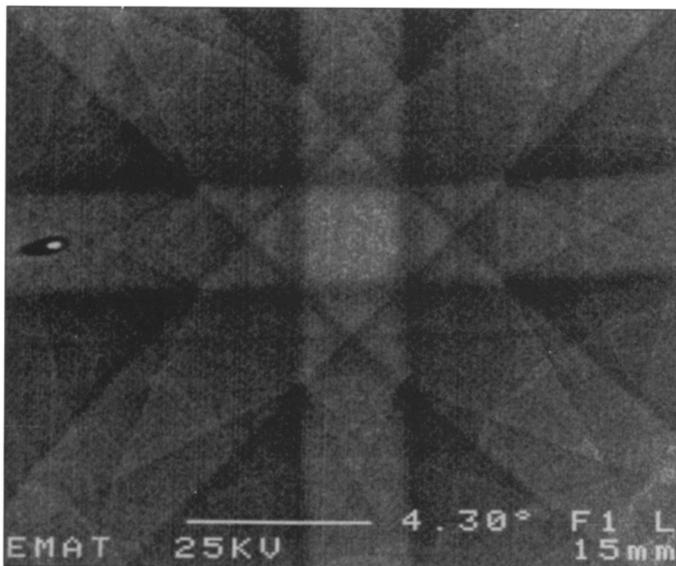


In the category of Sets of Photos, the prize for Same Type of Object with Different Symmetries was awarded to the student chapter at Lehigh University. Pyrite has a cubic crystallographic structure with a point group symmetry of $2/m\bar{3}$.

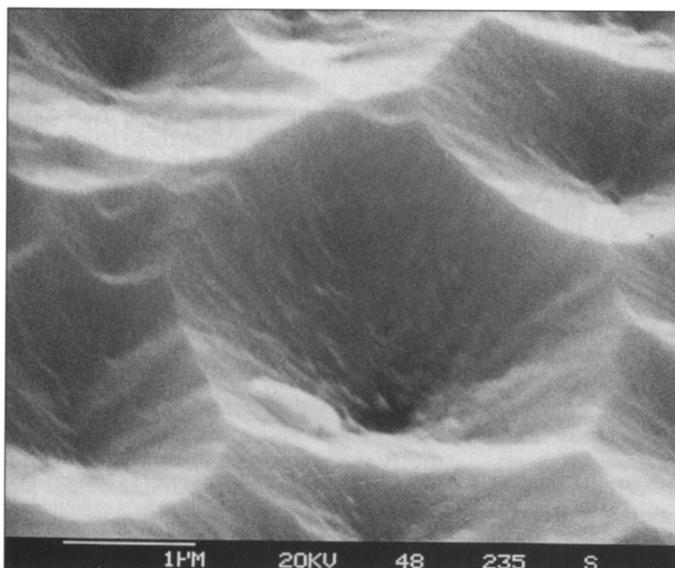
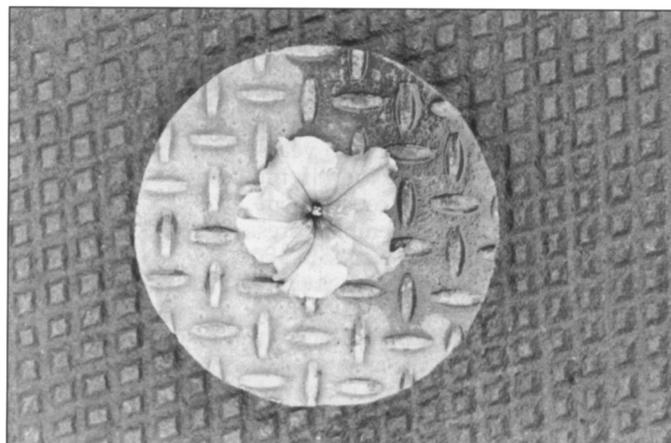
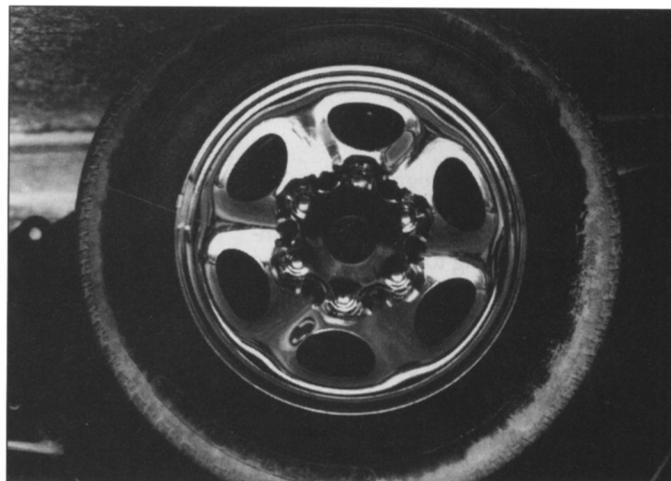


One of two prizes for Tells a Story was awarded to Daniel Lewis of Lehigh University for using a computer program considering surface energy and symmetry to predict the shape of crystals. The figure on the left shows the computer program output for a pyrochlore crystal while the figure on the right shows the corresponding microstructure for actual pyrochlore crystals.

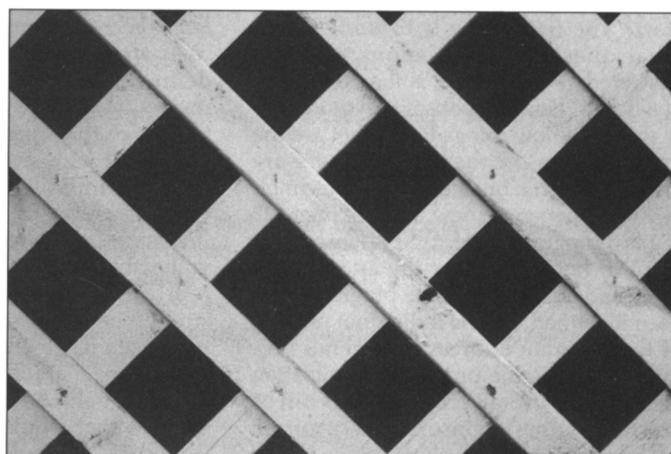
Lehigh University Student Chapter also received the prize for 3D Groups in the category of Collections (exercise in group theory), and a prize for Greatest Number of Photographers.



In the category of Aesthetic/Artistic, the Best Picture prize was awarded to Mike Morse from Massachusetts Institute of Technology (MIT) for his SEM picture of electron channeling pattern of (001) silicon, which he titled, "Stars and Stripes." The student chapter at MIT also received the prize in 2D Groups in the category of Collections (exercise in group theory).



One of two prizes for Tells a Story was awarded to the student group at the University of Neuchatel for the entry entitled, "Symmetry with Fiber Texture of ZnO Transparent Thin Films."



In the category of Aesthetic/Artistic, the Best Collection prize was awarded to the student chapter at the University of Florida. The photos reproduced here were taken by Margaret Kayo. This chapter also received the prize for Sets with Different Types of Objects with Same Symmetry in the category of Sets of Photos.