

ACA MEETS IN MONTREAL, MARKING 100 YEARS OF X RAYS

A century after Wilhelm C. Röntgen discovered x rays, the importance of his finding is reflected in the program of the annual meeting of the American Crystallographic Association. When the crystallographers convene in Montreal from 23 to 28 July, they will discuss advances in x-ray studies of a wide variety of materials, such as biological macromolecules, amorphous materials, chemical and nuclear waste, and electronic materials. Among the highlights will be a number of papers dealing with structure-based drug design, including studies of small molecules to neutralize HIV proteins.

Roughly 700 papers will be presented during 35 half-day oral sessions. Most of the sessions are organized by the ten ACA special interest groups, which focus on amorphous materials, biological macromolecules, fiber diffraction, materials science, neutron scattering, small-angle scattering, service crystallography, small molecules, synchrotron radiation and young scientists, or by the standing committee on computing and crystal data. Several years ago some members began an *ad hoc* general interest group to recognize topics that do not fall into the special interest categories. For the first time this year the general interest group is informally organizing four sessions, including one on quantum crystallography.

The headquarters hotel for the meeting is Le Méridien Hotel. The scientific program, poster sessions and exhibits will be held in the Palais des Congrès, starting with three workshops on Sunday, 23 July. The workshops concern the Crystallographic Information File; SHELXL, software for refining small molecules and macromolecules with high-resolution x-ray data; and small-angle scattering studies: microstructure on the nanometer scale. The annual ACA transactions symposium, held Thursday and Friday morning, will deal with structural tools in organometallic and coordination chemistry.

The program chair, Yvon Le Page of the National Research Council of Canada, told us that all the abstracts are posted on the World Wide Web (<http://www.cisti.nrc.ca/ACA95/welcome.html>), and a full-text search



JENNY GLUSKER

engine allows visitors to locate topics of interest.

ACA has planned a plenary session in honor of the x-ray centennial Wednesday morning. Boris W. Batterman of the Stanford Synchrotron Radiation Laboratory will speak on "X-Ray Generation: The First Century," and John Dervan of the State University of New York at Stony Brook will talk about "Iodine-Edge Angiography." ACA also plans several general interest evening sessions: one on Monday evening featuring Nobel Prize winners Jerome Karle of the Naval Research Laboratory and Herbert Hauptman of the Hauptman-Woodward Medical Research Institute and the University of Buffalo; a memorial session on Tuesday evening paying tribute to Dorothy Hodgkin and Linus Pauling, who died last summer; and a program Wednesday evening on careers in crystallography. The meeting will open with a mixer on Sunday evening, 23 July, and the social program features an excursion to La Sucrerie de la Montagne on Wednesday afternoon. The annual banquet will be Thursday at 7 pm.

The exhibit show, run by the American Institute of Physics, will be open Monday and Tuesday from 10 am to 7 pm, Wednesday from 9 am to 2 pm and Thursday from 9 am to 3:30 pm.

At the plenary session Wednesday morning, ACA will confer on **Jenny**



KEN TRUEBLOOD

Glusker and Ken Trueblood the Fankuchen Award, which is given triennially to recognize contributions to crystallography by persons known to be effective teachers. Glusker is a senior member at the Institute for Cancer Research of the Fox Chase Cancer Center in Philadelphia and an adjunct professor of biochemistry and biophysics at the University of Pennsylvania, Philadelphia. The announcement of the award says that Glusker's research interests "are centered on structural analyses of biological molecules, covering a broad range in size and function," and notes in particular her "extensive work investigating the role of metals in biological systems." The announcement goes on to mention that "she has served the International Union of Crystallography in various capacities, often associated with teaching issues."

Trueblood is a professor emeritus at the University of California, Los Angeles. The award announcement states that "his research is most noted for his early use of electronic computers in crystallographic research and his interest in anisotropic atomic displacement parameters and rigid-body motion." Glusker and Trueblood, who have collaborated on scientific projects, coauthored a crystallography textbook, *Crystal Structure Analysis: A Primer* (Oxford University Press, 1972; second edition, 1985). ■