

CRYSTALLOGRAPHERS TO SAMPLE ATLANTA'S HOSPITALITY

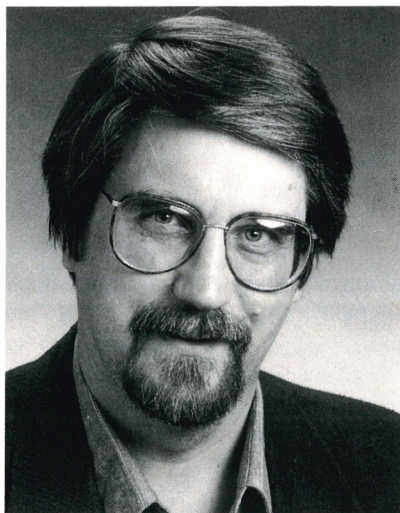
With a full program of talks scheduled from Sunday, 26 June, through noon on Friday, 1 July, the American Crystallographic Association's annual meeting will be a busy one. The technical sessions will be held in the Inforum Conference Center in Atlanta, Georgia, close to the convention's headquarters hotel, the Westin Peachtree Plaza.

Early arrivals can select from three workshops on Saturday, 25 June: opportunities for crystallography at national synchrotron and neutron user facilities, the Cambridge structural database and isomorphous replacement methods in macromolecular crystallography. Also on Saturday, the American Institute of Physics will offer a workshop to prepare researchers who wish to volunteer in local schools.

As usual the program includes a Transactions Symposium, which will focus this year on "Likelihood, Bayesian Inference and their Application to the Solution of New Structures." ACA has added a new feature, teaming with the International Union of Crystallography to sponsor a concurrent, three-day symposium on new trends in small moiety crystallography. This symposium will go beyond molecular structure and properties to examine crystals as dynamic systems and physical frameworks.

The regular scientific sessions will cover 20 topics, ranging from amorphous glasses to pseudosymmetry. Another first for this year is the inclusion of a session sponsored by the young scientists special interest group. It will deal with the practical skills of lecturing, preparing slides and applying for grants.

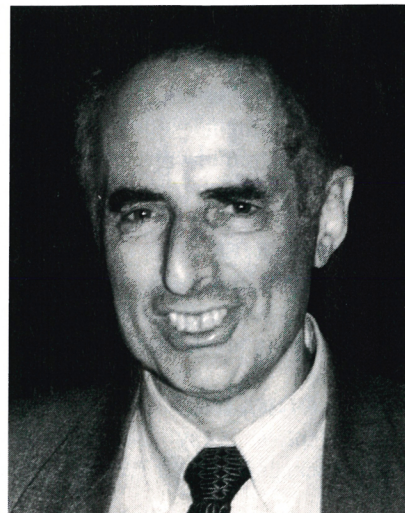
Each morning the program will open with a plenary speaker. On Sunday Jerome Karle of the Naval Research Laboratory will discuss new approaches to structure analysis, and on Monday Jeremy K. Burdett of the University of Chicago will talk about chemistry and crystallography. Tuesday's plenary speaker, C. N. R. Rao of the Indian Institute of Science in



Michael J. Bedzyk

Bangalore, will deliver a paper he has coauthored with his colleague at Bangalore, A. K. Ganguli, on "structural studies of high-temperature superconductors." Thursday's plenary speaker is Gérard Bricogne of the MRC Laboratory of Molecular Biology in Cambridge, England, who will open the Transaction Symposium with a talk, "Structure Determination as a Sequential Bayesian Inference Process, the Role of Entropy and Likelihood."

The plenary sessions on Wednesday and Friday mornings are devoted to presentation of awards. On Wednesday **Michael J. Bedzyk** of Argonne National Laboratory and Northwestern University, will receive the 1994 Bertram Eugene Warren Diffraction Physics Award for "his recent advances in the study of surfaces and interfaces through the use of variable-period standing waves." He will speak about x-ray standing waves at a reflecting mirror surface. On Friday **Philip Coppens**, Distinguished Professor in the chemistry department at the State University of New York, Buffalo, will be honored with the 1994 Martin J. Buerger Award. The award is being given, in part, in recognition of "his pioneering roles in the development of diffraction meth-



Philip Coppens

ods for the accurate determination of electron density in molecules and transition-metal complexes, in the application of synchrotron radiation to problems in chemical crystallography, and in developing methods for the analysis of modulated structures and for studying the response of crystals to rapidly changing external perturbations."

On the social scene, ACA has scheduled its annual opening reception on Sunday at 7 pm in the Westin Peachtree Plaza Ballroom and a banquet on Thursday at 7:30 pm, with cocktails at 6 pm, also in the ballroom. The annual outing will be a trip to the Atlanta zoo on Wednesday afternoon. Following tours of the animal park, attendees can participate in the ACA business meeting, enjoy a buffet dinner and listen to a session on crystallography for fun and profit, all at the zoo. ACA will continue its mentor program, which matches senior crystallographers with relative newcomers for dinner get-togethers.

The equipment show, organized by AIP, will feature 30 booths. The show hours will be Monday and Tuesday, 10 am to 9 pm; Wednesday, 10 am to 2 pm; and Thursday, 10 am to 5 pm. ■