was formulated by Prof. Dress during the meeting. This project comes under the IUPAC strategic thrust for development of effective channels of computer-aided communication in the international chemical community. Initially, the project will aim at using descriptors for clusters and polyhedra in the form of alphanumeric strings. The intention is that these methods eventually will merge with Dr. Heller's approach. If funded, this project will commence 1 January 2001 and continue for three years.

The Commission also heard proposals for two other projects: "Organometallics" and "Preferred Names (P-Names)".

The ongoing work in organometallic chemistry will continue with emphasis on metallacycles. The metallacycle working document will be further revised and disseminated to the working party. A new titular member of the Commission, Dr. Alan Hutton, has agreed to assume leadership of a project to produce a separate book on organometallic nomenclature.

A new thrust to devise a list of preferred names for inorganic compounds was initiated. The feasibility of establishing these P-Names will be explored initially in the list of the names of ions and groups that is contained in the 25-page Table VIII in Red Book I. Commission II.2 is ready to work with the Commission on Nomenclature of Organic Chemistry (III.1) and any other Commissions in the area of overlapping entries. In cases where no common agreement can be reached, we plan mutual cross-references.

The Commission heard a presentation from Dr. J. Wisniewski, Senior Developer at MDL and member of Commission III.1. Dr. Wisniewski demonstrated the operation of *Autonom* by drawing a structure of an organic compound and displaying its computer-generated name. At present, the program is based on the 1979 IUPAC rules for naming organic compounds. The demonstration was impressive, but serious limitations were apparent in the version demonstrated. Multiplicative names cannot be generated, symmetrical compounds also fail, and the program is limited to 125 atoms. Dr. Wisniewski also reported that MDL recently acquired a license to use the Gmelin Database of Inorganic Compounds.

The Commission was informed that the IUPAC/IUPAP *Joint Working Party (JWP) on Claims to the Discovery of Elements 110, 111, and 112* has completed its work, and a Technical Report from the JWP will be published in a future issue of *PAC*.

The future of nomenclature activities in inorganic chemistry was discussed. In order to provide continuity of such efforts under the IUPAC reorganization, the Commission members present unanimously supported the idea to keep the Commission together as a group. There was strong sentiment to remain under its former title or receive some equivalent affiliation with the Division of Inorganic Chemistry.

The members were thanked for their efforts and the meeting was adjourned. The next meeting will be held in Brisbane, Australia, 30 June–3 July 2001.

James Casey
IDCNS Representative and Member, IUPAC Commission on Nomenclature of Inorganic Chemistry II.2
Ture Damhus
Secretary, IUPAC Commission on Nomenclature of Inorganic Chemistry II.2

Commission on Photochemistry—III.3

Summary of Minutes of Commission Meeting at Dresden, Germany, 26–27 July 2000

To begin the meeting, the current agenda and the minutes of the 1999 meeting held 8–9 August 1999 in Berlin were approved.

Future of Commission on Photochemistry

At the end of 2001, the IUPAC Commission on Photochemistry (III.3) will cease to exist. National Representatives will also cease to hold positions within IUPAC at this time. Dr. Silvia Braslavsky will continue thereafter as a member of the Organic Chemistry Division (the Division in which Commission III.3 resides). She will be the only member of our community specifically designated to treat issues and projects related to the photosciences within IUPAC.

As a means to ensure the continued active involvement of the photosciences community within IUPAC, to maintain an effective and active dialogue with the greater chemical community that IUPAC encompasses, and to aid Dr. Braslavsky in her efforts to represent the photochemical community's interests within IUPAC, the chairman will invite the three photochemical societies EPA, JPA, and I-APS to establish a formally constituted and charged committee to provide integrated advice and guidance on the state, future direction, and integration of the photosciences. This committee should identify projects for future publications in the IUPAC media and the eminent scientists who could lead such projects.

It is essential that S. Braslavsky be positioned directly under the Bureau to allow interactions with all Divisions of IUPAC. She was to submit a strategic plan to the Bureau in September 2000.

Manuscripts Planned to be Submitted to *Pure and Applied Chemistry*

A paper entitled "Organic photochromism" by Henri Bouas-Laurent and Heinz Dürr will be finalized in the near future to accommodate the comments by the members of the Commission and by the IDCNS (received

after the meeting on August 10) and will be submitted for publication as a Technical Report.

A second draft of a paper entitled "Space- and time-resolved fluorescence spectroscopy and photochemistry" by H. Yoshikawa and H. Masuhara was distributed. Comments by Commission members are to be sent directly to H. Masuhara to reach him until 10 October 2000.

A Technical Report entitled "Figures of merit for the technical development and application of advanced oxidation technologies for both electric- and solar-driven systems" by J. R. Bolton, K. G. Bircher, W. Tumas, and C. A. Tolman is currently being revised after IDCNS review.

A Technical Report by J. R. Bolton on UV disinfection is in preparation.

Projects Inititated or Planned

- A revised critical compilation of actinometry standards, including those in the gas phase and operating in the vacuum ultraviolet region, will be prepared by A. Braun and E. Oliveros, in collaboration with others to be named later.
- D. Phillips (head), Antonio Tedesco, and others to be named later will be asked to write a report on "Photodynamic therapy".
- A report dealing with "Supramolecular photochemistry" will be initiated by V. Ramamurthy (head), V. Balzani, M. Irie, J. Scheffer, and R. G. Weiss.
- A project entitled "Single molecule spectroscopy" led by F. de Schryver has been approved (Project No. 2000-012-1-300).
- An update to the "Glossary of terms used in photochemistry" by J. W. Verhoeven *et al.*, *PAC*, Vol. 68**,** pp. 2223–2286 (1996), will be compiled by A. U. Acuña-Fernandez in collaboration with Silvia Braslavsky and J. R. Bolton. V. Parmon and A. Fujishima may contribute topics related to photocatalysis.
- D. C. Neckers will submit a proposal entitled "Polymer photochemistry".
- Plans to initiate a report on photolithography were abandoned; the frontiers of this research are mostly not in the public domain.
- A suggestion by S. Icli to write a report on "Photochemistry under concentrated sunlight" was discussed. The topic appeared not to be suitable for a Technical Report.

Jakob Wirz
Secretary, IUPAC Commission on Photochemistry
III.3

Conference Announcements

 *designates IUPAC sponsorship*

European Symposium on the Clinical Laboratory and *In Vitro* Diagnostics Industry, 22–23 March 2001, Palma de Mallorca, Spain

The object of this meeting, jointly organized by the Catalan Association of Clinical Laboratory Sciences (ACCLC) and several companies and institutions, is to discuss the scientific interaction between clinical laboratories and the *in vitro* diagnostics industry, with special regard to certification and accreditation of clinical laboratories.

For further information, contact Xaver Fuentes Arderiu, Catalan Institute of Health, Catalonia Spain; E-mail: xfa@csub.scs.es or Style Meetings & Incentives – HOTUSA, Princesa, 58, pral. 08003 Barcelona, Spain; E-mail: convenciones@hotusa.es; Tel.: +34 93 268 10 10; Fax: +34 93 268 35 75.

32nd Conference on Calorimetry and Thermal Analysis (JCAT 32), 12–14 May 2001, Hammamet, Tunisia

This meeting, jointly sponsored by Faculte des Sciences de Tunis, Unité de Thermodynamique Appliquée, and Association Tunisienne des Sciences Biologiques, will focus on calorimetry and thermal analysis in the mineral and petroleum industries, phosphate and hydrocarbon applications, and other selected topics.