

Conference Announcements



designates IUPAC sponsorship

8th International Conference on Chemistry in Africa (8th ICCA): Chemistry and Quality of Life, 30 July–4 August 2001, Dakar, Sénégal



Major topics to be tackled by this conference include the following:

- chemistry and infectious diseases
- making medicines using plants
- how to set up an international harmonization policy of chemical protocols and analysis methods in the domain of the quality of waters
- chemistry and agriculture
- chemistry and the environment
- chemistry and new materials
- teaching of chemistry

Approximately 200 scientific participants from around the world are expected to attend this conference.

For additional information, contact Prof. Abdoulaye Samb, Department of Chemistry, Faculty of Sciences and Technology, University Cheikh Anta Diop Dakar, BP 5005 Dakar-Fann, Sénégal; E-mail: sambab@ucad.sn; Tel.: +221 864 13 33; Fax: +221 824 63 18; Web site: <http://www.cica.ucad.sn>.

10th International Conference on Bioinorganic Chemistry (ICBIC 10), 26–31 August 2001, Florence, Italy

This symposium will focus on the theme “Metallobiochemistry in the Post-Genomic Era”. Scientific sessions will cover model chemistry, metalloproteins and metalloenzymes, DNA/RNA/nucleotides and metals, radicals and life, signal transduction, from the gene to ion uptake and release, metal-based drugs, physical methods, and environmental biotechnology.

For further information, contact ICBIC 10 Secretariat, Centro di Risonanze Magnetiche (CERM), University of Florence, Via Luigi Sacconi, 6, 50019 Sesto Fiorentino (FI), Italy; E-mail: icbic10@cerm.unifi.it; Tel.: +39 55 4209261/260; Fax: +39 55 4209253; Web site: <http://www.cerm.unifi.it/icbic/icbic10.html>.

IUPAC Workshop on Green Chemistry Education, 12–14 September 2001, Venice, Italy

The IUPAC Division of Organic and Biomolecular Chemistry (III) has recently constituted the Committee on Green Chemistry. The aim of this committee is to develop actions devoted to the cause of green chemistry for its wider benefit to the future of chemistry and society as a whole. The first formal activity of the Committee on Green Chemistry will be to conduct this Workshop on Green Chemistry Education, which is to be held in Venice during the Summer School on Green Chemistry (see <http://helios.unive.it/inca/formazione/summer/index4.html>).

The workshop is being organized in collaboration with the Interuniversity Consortium “Chimica per l’Ambiente” (INCA). Experts from academia and industry, national chemical societies, industrial organizations, government, environmental groups, and the media will be involved in the workshop. Representatives from countries of the Organization for Economic Cooperation and Development (OECD) and from the OECD Issue Team on Sustainable Chemistry will be invited to participate, and results of the workshop will be provided to the OECD Program on Sustainable Chemistry.

For further information, contact Prof. Pietro Tundo, Department of Environmental Sciences, University Ca’Foscari of Venice, Dorsoduro 2137, 30123 Venice, Italy; E-mail: tundop@unive.it; Tel.: +39 041 2578642; Fax: +39 041 2578620; Web site: <http://www.unive.it/inca>.

International Conference on Bioinformatics 2002: North–South Networking, 6–8 February 2002, Bangkok, Thailand



This conference will provide a forum for bioinformatics scientists from around the world to present their work, to obtain advanced information from experts, and to learn about research models for several developing countries. Networking for research cooperation between scientists of various disciplines, such as biology, computer science, physics, and mathematics, will also be established. Specific objectives of the conference are as follows:

- to stimulate contact and interactions between people

- who have interests and activities in the field of bioinformatics
- to exchange scientific knowledge among researchers internationally
 - to facilitate cooperation and networking among scientists in both developed and developing countries

Bioinformatics is of growing importance to the world as a tool of life science research. It incorporates and integrates several scientific disciplines together—namely, biological sciences, biochemistry, biophysics, and computational sciences—to create “a book of life”. In contrast to scientific work in many other disciplines, bioinformatics research can usually be carried out just by using a high-end personal computer and a good Internet connection without any other major equipment or expensive chemicals. Its success is, therefore, not necessarily limited to the developed world. A group of bioinformatics scientists who have a deep understanding of the scientific discipline related to information theory and biology can be successful anywhere in the world. Bioinformatics is also important in enhancing the capability of biologists in the developing world to design experiments competently and interpret the data obtained effectively so that they can apply their work to solve the problems of developing countries, which may not attract the interest of scientists in the developed world.

The three-day conference program will consist of plenary lectures in the morning and parallel sessions (three per day), a poster exhibition, and minisymposia in the afternoon. In addition, there will be at least one preconference workshop. Topics to be addressed during the conference include application of information theory in biology; evolutionary biology; phylogenetics; data mining and knowledge discovery in molecular databases; open sources bioinformatics; high-performance computing for computational biology; human genome variation; protein structure prediction; genome, pathway, and interaction bioinformatics; bioinformatics for biodiversity; bioinformatics for drug design; bioinformatics and control of infectious diseases; bioinformatics for agricultural research; computer modeling in physiology; and strengthening bioinformatics capability of developing countries.

Approximately 500 scientific participants from around the world are expected to attend this conference.

For further information, contact Mr. Prasit Palittapongarnpim, M.D., Deputy Director, BIOTEC, 15th Floor, Gypsum Metropolitan Tower, 539/2 Sri-Ayudhya Road, Ratchadevi, Bangkok, Thailand; E-mail: prasit@biotec.or.th; Tel.: +66 2 6425322 31, Ext. 228; Fax: +66 2 2488304; Web site: <http://incob.biotec.or.th>.

5th Conference on Solid-State Chemistry, 7–12 July 2002, Bratislava, Slovakia



This conference will cover up-to-date topics of modern solid-state chemistry in subsections on advanced synthesis and characterization techniques, structure and electron structure, electrochemistry and solid-state superionics, chemistry of glasses, novel inorganic materials, layered compounds, clathrates and intercalates, and deposited films and surface chemistry. Invited speakers (already agreed) will highlight both the interdisciplinary aspects of solid-state science and the latest achievements of chemists in areas of special significance. It is expected that the meeting will spark a lively and sensitive exchange of knowledge among members of the worldwide chemistry community and thus promote the vital area of solid state chemistry.

Plenary and invited section lectures will address crystal and electron structure of solids; glass chemistry; hydrothermally treated cement-based building materials; polymer-derived nonoxide ceramics; chemistry, local structures, and the tailoring of properties of novel inorganic materials; chemical modification of negative charge in the structure of layered silicates; magnetic and optic phenomena of solids; thick films in materials chemistry; new developments in the chemistry of high T_c superconductors; environmental scanning electron microscopy; *ab initio* molecular-dynamic studies of proton dynamics in zeolites and clays; and better ceramics through chemistry.

Approximately 250 scientific participants from around the world are expected to attend SSC 2002.

For further information, contact Prof. Dr. P. Šajgalik, Institute of Inorganic Chemistry, Slovak Academy of Sciences, Dubravská c., Bratislava, SK-842 36 Slovakia; E-mail: uachsajg@savba.sk; Tel.: +421 7 594 10400; Fax: +421 7 59410444.

21st International Carbohydrate Symposium, 7–12 July 2002, Cairns, Australia



This symposium will address all aspects of glycoscience, that is, the chemistry, biochemistry, biology, and biotechnology of carbohydrates. The program will include the Whistler Award Lecture, plenary and session lectures, and poster presentations; where possible, oral presentations by young scientists will be encouraged. One session will be set aside for doctoral students to discuss their research with plenary or session lecturers.