

of research in the Federal Republic of Germany.

Both organizations would like to invite you to participate at this exciting event, which promises to become one of the largest and most fascinating chemistry conventions world-wide at the end of the 20th century.

*For further information, please contact: Prof. Heindirck tom Dieck, Gesellschaft Deutscher Chemiker, IUPAC/GDCh 99, PO Box 90 04 40, D-60444 Frankfurt-am-Main, Germany. Tel.: +49 69 7917 358, 360 or 366. Fax: +49 69 7917 475. E-mail: tg@gdch.de.*

## 11th International Biotechnology Symposium and Exhibition: Biotechnology 2000, International Congress Center, Berlin, Germany, 3–8 September 2000

The International Biotechnology Symposia (IBS), held every four years, are the leading world-wide meetings in the field of biotechnology. The title 'The Molecular Key for Biotechnology' has been chosen

for this International Biotechnology symposium because of the rapid development of biotechnology in conjunction with results in fundamental biological sciences. This theme will charac-

terize the world in the next millennium, which to a large extent will use molecular biology and genetic engineering for the benefit of mankind.

As at previous IBS meetings, the scientific programme will be composed of a number of symposia, workshops, poster presentations and an exhibition.

Round tables will be organized to discuss controversial scientific and ethical problems with a larger audience. The aim of the Symposium is to review the present state-of-the-art, to discuss the way in which pure and applied research in different fields of science and technology interact, and to demonstrate the interdisciplinary nature of biotechnology.

An Exhibition will be organized in conjunction with the Symposium.

*If you wish to present a paper/poster or to exhibit please contact: Dechema eV, c/o 11th IBS, Theodor-Heuss-Allee 25, D-60486 Frankfurt am Main, Germany. Tel.: +4969 7564 241. Fax: +49 69 7564 201. E-mail: info@dechema.de*

# Conference Calendar

1997

## Biodiversity and bioresources

23–27 November

International Conference on Biodiversity and Bioresources—Conservation and Utilization. Phuket, Thailand.

*IUPAC Biodiversity Conference, National Center for Genetic Engineering and Biotechnology, National Science and Technology Development Agency Building, 73/1 Rama VI Road, Bangkok 10400, Thailand. Tel.: +66 (2) 6448150-4, ext. 505, 532, 534; Fax: +66 (2) 6448107-8;*

*iupacconf@biotec.or.th*

*E-mail:*

1998

## Polymer sciences and technology

5–10 January

International Symposium on Advances of Polymer Sciences and Technology. Madras, India.

*Dr K.S.V. Srinivasan, Deputy Director & Head, Polymer Division, Central Leather Institute, Council of Scientific & Industrial Research, Adyer, Madras - 600 020, India.*

## Calorimetry and chemical thermodynamics

5–9 April

International Conference on Calorimetry and Chemical Thermodynamics. Campinas, Brazil.

*Prof. C. Airoidi, Instituto de Química, UNICAMP - CP 6154, Universidade Estadual de Campinas, 13081-970 Campinas sp, Brazil.*

*<http://www.iqm.unicamp.br/wloh/conf/>*

## Trace element speciation

4–7 May

1st International Conference on Trace Element Speciation in Biomedical, Nutritional and Environmental Sciences. Neuherberg, Munich, Germany.

*First Speciation Conference, c/o Ulla Schrödel, GSF-Forschungszentrum, Congress Service, Postfach 1129, D-85758 Oberschleissheim, FRG. Tel.: +49 (89)*

31873030 (2669); Fax: +49 (89) 31873362.

### Degradation processes in the environment

24–28 May

International Conference on Degradation Processes in the Environment. Dubrovnik, Croatia.

*Dr A. Sabljic, Institute Boskovic, POB 1016, HR-10011 Zagreb, Croatia*

### Organic synthesis

28 June–2 July

12th International Conference on Organic Synthesis. Venice, Italy. *Depha Congress SRL, Viale Majno 21, 20122 Milano, Italy. Tel.: +39 (2) 76008190; Fax: +39 (2) 782400; E-mail: dephadue@mbox.vol.it*

### Chemistry in Africa

6–10 July

7th International Chemistry Conference in Africa (7th ICCA). Durban, South Africa.

*The Secretary, 7th ICC & 34th SACI Convention, Department of Chemistry & Applied Chemistry, University of Natal, Durban 4041, South Africa. Tel.: +27 (31) 3603090. Fax: +27 (31) 2603091; E-mail: Ticca@che.und.ac.za*

### Macromolecules

13–17 July

37th International Conference on Macromolecules, Gold Coast, Australia.

*Prof. R.G. Gilbert, School of Chemistry, F11, Sydney University Polymer Center, University of Sydney, New South Wales 20006, Australia. Tel.: +61 (2) 351 3366; Fax: +61 (2) 351 3329; E-mail: gilbert@chem.usyd.edu.au*

20–23 July

18th Discussion Conference of Macromolecules: Mechanical Behaviour of Polymeric Materials.

Prague, Czech Republic.

*P.M.M. Secretariat, c/o Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic, Heyrovského nám 2, CZ-162 06 Prague 6, Czech Republic. Tel.: +420 (2) 360341; Fax: +420 (2) 367981; E-mail: sympo@imc.cas.cz*

### Chemical thermodynamics

26 July–1 August

15th International Conference on Chemical Thermodynamics. Porto, Portugal.

*Prof. M.A.V. Ribeiro da Silva, Department of Chemistry, Faculty of Science, Rua do Campo Alegre 687, P-4150 Porto, Portugal.*

### Pesticide chemistry

2–7 August

9th International Congress on Pesticide Chemistry. London, UK.

*Dr John F. Gibson, Secretary (Scientific), Royal Society of Chemistry, Burlington House, London W1V 0BN. Tel.: +44 (171) 4378656; Fax: +44 (171) 7341227.*

### Novel aromatic compounds

2–7 August

9th International Symposium on Novel Aromatic Compounds, Hong Kong.

*Prof. H.N.C. Wong, Chairman, Local Organizing Committee, 9th International Symposium on Novel Aromatic Compounds, Department of Chemistry, Chinese University of Hong Kong, Shatin, New Territories, Hong Kong.*

### Solubility phenomena

5–8 August

8th International Symposium on Solubility Phenomena. Niigata, Japan.

*Prof. H. Akaiwa, Faculty of Engineering, Gunma University, Kiryu 376, Japan.*

### Chemical education

9–14 August

15th International Conference on Chemical Education: Chemistry and Global Environmental Change. Cairo, Egypt.

*Prof. Saad S.M. Hassan, Department of Chemistry, Faculty of Science, Ain Shams University, Cairo, Egypt.*

### Physical organic chemistry

16–21 August

14th International Conference on Physical Organic Chemistry, Santa Catarina, Brazil.

*Prof. E. Humeres, Universidade Federal de Santa Catarina, Departamento de Química, 88040-900 Florianópolis S.C. Brazil.*

### Coordination chemistry

30 August–4 September

33rd International Conference on Coordination Chemistry. Florence, Italy.

*33rd ICCS Secretariat, Department of Chemistry, University of Florence, Via Gino Capponi 7, 50121 Firenze, Italy. Tel.: +39 (55) 2757549. Fax: +39 (55) 2757555.*

### Medicinal chemistry

6–10 September

25th International Symposium on Medicinal Chemistry. Edinburgh, Scotland.

*Dr John F. Gibson, Secretary (Scientific), Royal Society of Chemistry, Burlington House, London W1V 0BN. Tel.: +44 (0)171 437 8656; Fax: +44 (0)171 734 1227.*

### Natural products

11–16 October

21st IUPAC Symposium on the Chemistry of Natural Products. Beijing, China.

*Prof. Xibai Qiu, Secretariat of ISCNP-21, c/o Chinese Chemical Society, PO Box 2709, Beijing 100080, China. Tel.: +86 (10)*

62568157 or 62564020; Fax: +86  
(10) 62568157; E-mail:  
qiuxb@infoc.3.icas.ac.cn

366. Fax: +49 69 7917 475. E-mail:  
tg@gdch.de

## 1999

### IUPAC General Assembly

7–14 August

40th General Assembly. Freie University of Berlin, Berlin, Germany.

The IUPAC General Assembly is not open for general participation but restricted to members of IUPAC bodies that meet on this occasion.

### IUPAC Congress

14–19 August

37th IUPAC Congress. International Congress Center, Berlin, Germany.  
Prof. Heindirck tom Dieck, Gesellschaft Deutscher Chemiker, IUPAC/GDCh 99, PO Box 90 04 40, D-60444 Frankfurt-am-Main, Germany. Tel.: +49 69 7917 358, 360 or

## 2000

### Macromolecules

9–14 July

MACRO 2000: International Symposium on Macromolecules. Warsaw, Poland.

Prof. S. Penczek, Centrum Badan Molekularnych i Makromolekularnych, Polskiej Akademii Nauk, ul. Sienkiewicza 112, PL-90-363 Lodz, Poland. Tel.: +48 (42) 819815; Fax: +48 (42) 847126.

### Biotechnology

3–8 September

11th International Biotechnology Symposium. Berlin, Germany.

Prof. G. Kreysa, DECHEMA e.V., PO Box 15 01 04, D-60061 Frankfurt am Main, Germany.

### How to apply for IUPAC sponsorship

To apply for IUPAC sponsorship, conference organizers should write to the IUPAC Secretariat (see inside back cover for address) requesting an Advanced Information Questionnaire (AIQ). Completed AIQs should be returned to the Secretariat preferably 2 YEARS and at least 12 months before the conference. Late applications will not be considered. Further information on granting of IUPAC sponsorship was published in *Chem. Intl.* 1992, **14**, 203.

## Index

ACS/IUPAC/CMA/EPA Collaborative Symposium	129	Conferences	31, 59, 86, 145, 173, 225	Relocation of Secretariat	94, 151
Air Pollution Profile of Turkey	190	Contaminants in Soil, Fate and Effects of	136	Secretary General's Report	156
Appointment of new Executive Director	65	COSPAR scientific assembly	171	Treasurer's Review 1991–1997	160
Atmospheric chemistry, measurement technologies in	170	Crystal Growth Awards	68	1996 Report	104
Biochemical Nomenclature, IUPAC–IUBMB Joint Commission on	116	Election of Officers and Bureau Members	97	36th Congress	1, 180
Biophysical Chemistry, Introduction to Commission on	113	Endocrine Disrupters, 'White Book' on	191	39th General Assembly	1, 96, 177
Chemical MIME Project	17	Fate and Effects of Contaminants in Soils	136	Jost, John, Appointment of new Executive Director	65
Chemical Society Presidents, Meeting of	183	Federation of European Chemical Societies, General Assembly	49	Letters to the Editor	57, 143
The Chemist, Facing the Structural Changes in the Chemical Industry	183	Green Chemistry: Challenging Perspectives, International Conference on	187	Maison de la Chimie Foundation Prize	24
CHEMRAWN IX, Conference Report	127	Human genomics conferences, IFFC/Roche establish	172	Measurement technologies in atmospheric chemistry	170
CHEMRAWN in Montevideo	171	International Council for Chemistry	67	Mycotoxins and Phycotoxins, IXth International IUPAC Symposium	24
Colleagues Deceased	51, 69, 172, 193	International Council of Scientific Unions, new Executive Director	192	Names and Addresses	24, 52, 69, 126, 172
Comments		International Newsletter on Chemical Education	192	PAC Reviews	41, 72, 169, 220
An editor's lot...	141	International Organization for Chemical Sciences in Development (IOCD)	12	Pesticide Residues in Food, Safety Evaluation of	119
The antiscience cancer	142	IUPAC		Photochemistry in Italy	7
Commission News		Access to Documents on the WWW	30	Polish Chemical Industry, Training for Provisional Recommendations	20
Biotechnology	194	Accounts for 1996	108	Analytical aspects of chemically modified electrodes	196
Chemical Kinetics (I.4)	193	Biennial Report of the Treasurer and Finance Committee	158	Definition of terms relating to the non-ultimate mechanical properties of polymers	58
High Temperature Materials and Solid State Chemistry (II.3)	70	Future Directions, Meeting on	66	Extension and revision of the von Baeyer system for naming polycyclic compounds	196
Physical Organic Chemistry (III.2)	70	Joint Commission with IUBMB on Biochemical Nomenclature	116		
Soil and Water Chemistry	195	President's Report	152		
Subcommittee on Transport Properties	193	Relocation of Archival Material	161, 191		
Conference Calendar	35, 60, 90, 146, 174, 227				