

MACRO 2004 Secretariat
Laboratoire de Chimie des Polymères
Case 185
Université P. & M. Curie
4, Place Jussieu
75252 PARIS Cedex 05, FRANCE

IUPAC MACRO 2004

The 40th IUPAC International Symposium on Macromolecules will be held in Paris, France, July 4 – 9, 2004 .

It will be organized by
Centre National de la Recherche Scientifique,
with the participation of
Université Pierre et Marie Curie (Paris-6),

and under the auspices of
European Polymer Federation
Groupe Français des Polymères, division
of the Société Française de Chimie
and
of the Société Française de Physique

This major Conference will bring together scientists from the forefront of all sections of the world polymer community, chemists, physicists, rheologists, mechanical and process engineers, educators and students, coming either from academia, governmental institutions or industrial companies. The programme will be structured around three half-day plenary sessions devoted to contemporary topics of interest to the whole polymer community, and around a series of symposia related to more specialized areas. It will involve plenary and invited lectures together with contributed oral and poster presentations

VENUE

The IUPAC MACRO 2004 will be held at the Palais des Congrès de Paris, Porte Maillot, Paris 16^{ème}, in one of the most prestigious areas of Paris and at a walking distance from Champs-Élysées.

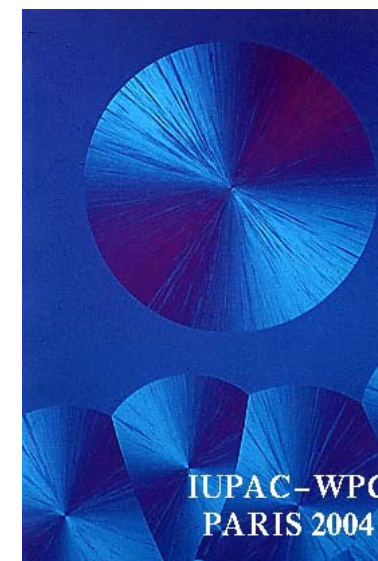
In July the weather in Paris is warm and sunny. The daytime temperature is about 20 - 28° C.

REGISTRATION – ACCOMMODATION

The technical organization of the Conference will be entrusted to a professional organizing company . All details will be provided in the first circular by the end of 002.



IUPAC
INTERNATIONAL UNION OF PURE AND
APPLIED CHEMISTRY
MACROMOLECULAR DIVISION



ICS - Strasbourg

WORLD POLYMER CONGRESS MACRO 2004

40th International Symposium on Macromolecules

Paris, France, July 4 - 9, 2004

Organized by
Centre National de la Recherche Scientifique



with the participation of
Université P. & M. Curie, Paris

EXHIBITION

The MACRO 2004 Conference will organize, as an integral part of the Congress, an exhibition open to polymer producing companies and to scientific equipment and material suppliers. It will be located in the "Palais des Congrès" at the same area as the conference rooms.

All companies interested in making arrangements for rental of exhibition space are invited to contact the MACRO 2004 Secretariat.

ORGANIZING COMMITTEE

Honorary Chairmen : P.G. de Gennes & J.M. Lehn
Chairman : J.-P. Vairon
Deputy Chairman : J.-F. Joanny
General Secretary : A. Fradet

SCIENTIFIC PROGRAMME

The Conference will embrace major frontier topics in Polymer Science, as well in the *fundamental* and *applied* aspects of chemistry, physical chemistry and physics of macromolecules as in polymeric materials (mechanics, failure, rheology, blending, processing). Emphasis will be paid to new concepts and developments (controlled synthesis and industrial processes, controlled architectures and order, combinatorial approaches, polymer supramolecular assemblies, physics of new macromolecular architectures, physics of interfaces and adhesion, associating polymers, hybrid and nanoscale materials, new materials / properties / applications, etc.). The provisional programme involves 9 main topics, covered by 21 symposia, including some special ones linked to evolving world/state policies.

I- POLYMER CHEMISTRY: REACTIONS AND PROCESSES

Symp I-1 : Polycondensation, polyaddition and chain polymerizations - Catalytic polymerization - Functionalization.

Symp I-2 : Polymerizations in dispersed and unconventional media.

Symp I-3 : Polymerization processes, control and monitoring.

II- MACROMOLECULAR ARCHITECTURES AND ORGANIZED MATERIALS

Symp II-1 : Controlled macromolecular synthesis and controlled architectures - Supramolecular polymer assemblies.

Symp II-2 : Nano and meso scale polymeric materials.
Symp II-3 : Polymers in the solid state.
Symp II-4 : Theory, modelling and simulation of polymeric materials.

III- NEW TOOLS AND POLYMER CHARACTERIZATION TECHNIQUES

Symp III-1 : Combinatorial approach and high throughput screening in polymer research.

Symp III-2 : Recent developments in polymer characterization : new and combined techniques.

IV- POLYMER BASED COMPLEX SYSTEMS

Symp IV-1 : Polyelectrolytes, gels and complex fluids.

Symp IV-2 : Polymer interfaces and polymers at interfaces - Film forming, films and coatings.

Symp IV-3 : Polymer blends, composites and hybrid polymeric materials.

V- POLYMERS FOR ADVANCED APPLICATIONS

Symp V-1 : Polymers for energy, electronic, optoelectronic and optic applications.

Symp V-2 : Membranes - Stimuli responsive polymers.

Symp V-3 : Bio-related polymers : biodegradation, bioactivity, therapeutic and bio-medical uses.

Symp V-4 : Polymers and environment - Polymers from renewable sources.

VI- POLYMER PROCESSING AND INDUCED PROPERTIES

Symp VI-1 : Rheology - Melt and solid state mechanical properties of polymers.

Symp VI-2 : Processing and reactive processing.

VII- NEW DEVELOPMENTS IN COMMERCIAL POLYMERS

Symp VII : Commodity / Engineering plastics and elastomers.

VIII- POLYMER EDUCATION : FROM ACADEMIC BASES TO TECHNOLOGY (*Symp VIII*)

IX- INTERNATIONAL COOPERATION IN POLYMER SCIENCE : NOVEL INITIATIVES (*Symp IX*)

CONTACT

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WORLD POLYMER CONGRESS IUPAC MACRO 2004 Paris, France, July 4 – 9, 2004

Reply Form

Prof Dr Mr Mrs Ms

Name :
last name first name

Affiliation :

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I plan to attend WPC MACRO 2004

I would like to receive further circulars

I am interested in Topic Symp

I wish to contribute,
 Oral presentation Poster

Tentative Title :

