

MACRO 2004 Organizing Secretariat
ABAKO Production
5, rue de la Plaine,
75020 PARIS
FRANCE



Photo - Palais des Congrès Paris

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→ CONTACTS

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→ DEADLINES

Abstract of papers: March 25th, 2004
Registration (discount rate): May 15th, 2004

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),
Ecole Supérieure de Physique
et de Chimie Industrielles de la Ville de Paris**

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,
Groupe Français de Rhéologie,
Polymer Processing Society.**

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 program 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^e, in one of the most prestigious areas of Paris and within a walking distance from the Champs-Élysées.

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

First Circular
Call for Papers



**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 Pierre et Marie Curie, Paris
École Supérieure de Physique
et de Chimie Industrielles de la Ville de Paris**



→ SCIENTIFIC PROGRAM

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 and in polymeric materials (mechanics, failure, rheology, blending, processing). Emphasis will be on 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 program involves 9 main topics, covered by 21 symposia, including some special ones linked to evolving world/state policies.

1- POLYMER CHEMISTRY: REACTIONS AND PROCESSES

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

*Chairpersons: A. DEFFIEUX (Bordeaux)
R. JEROME (Liège)
M. BUBACK (Göttingen)*

Symp 1-2 :Preparation of polymers in dispersed and unconventional media.

*Chairpersons: F. CANDAU (Strasbourg)
R. GILBERT (Sydney)
C. PICHOT (Lyon)*

Symp 1-3 :Polymerization processes, control and monitoring.

*Chairpersons: T. Mc KENNA (Lyon)
W. REED (New Orleans)*

2- MACROMOLECULAR ARCHITECTURES AND ORGANIZED MATERIALS

Symp 2-1: Controlled macromolecular synthesis and controlled architectures - Supramolecular polymer assemblies.

*Chairpersons: B. CHARLEUX (Paris),
K. MATYJASZEWSKI (Pittsburgh)*

Symp 2-2: Nano and meso scale polymeric materials.

*Chairpersons: G. REITER (Mulhouse),
M. MÖLLER (Aachen)*

Symp 2-3: Polymers in the solid state.

*Chairpersons: B. LOTZ (Strasbourg),
S. CHENG (Akron)*

Symp 2-4: Theory, modelling and simulation of polymeric materials.

*Chairpersons: M. DAOUD (Paris),
A. KHOKHLOV (Moscow)*

3- NEW TOOLS AND POLYMER CHARACTERIZATION TECHNIQUES

Symp 3-1 : Combinatorial analysis and high throughput screening in polymer research.

*Chairpersons: O. LAVASTRE (Rennes)
D. HAJDUK (Santa Clara)*

Symp 3-2 : Recent developments in polymer characterization : new and combined techniques.

*Chairpersons: M.F. GRENIER-LOUSTALOT (Lyon)
H.W. SPIESS (Mainz)*

4- POLYMER BASED COMPLEX SYSTEMS

Symp 4-1 : Polyelectrolytes, gels and complex fluids.

*Chairpersons: C. WILLIAMS (Paris)
A. EISENBERG (Montreal)*

Symp 4-2 : Polymer interfaces and polymers at interfaces - Film forming, films and coatings.

*Chairpersons: L. LEGER (Paris)
M. WINNIK (Toronto)*

Symp 4-3 : Polymer blends, composites and hybrid polymeric materials.

*Chairpersons: J.-P. PASCAULT (Lyon)
J.-E. MARK (Cincinnati)*

5- POLYMERS FOR ADVANCED APPLICATIONS

Symp 5-1 : Polymers for energy, electronic, optoelectronic and optical applications.

*Chairpersons: A.-J. ATTIAS (Paris)
M. SCHOTT (Paris)
J.-L. BREDAS (Tucson)*

Symp 5-2 : Membranes - Stimuli responsive polymers.

*Chairpersons: M. RINAUDO (Grenoble)
Y. OSADA (Sapporo)*

Symp 5-3 : Bio-related polymers : biodegradation, bioactivity, therapeutic and bio-medical uses.

*Chairpersons: M. VERT (Montpellier)
K. KATAOKA (Tokyo)*

Symp 5-4 : Polymers and environment - Polymers from renewable sources.

*Chairpersons: A. GANDINI (Grenoble)
E. CHIellini (Pisa)
N. BIKALES (Washington)*

6- POLYMER PROCESSING AND INDUCED PROPERTIES

Symp 6-1 : Rheology - Melt and solid state mechanical properties of polymers.

*Chairpersons: B. VERGNES (Sophia-Antipolis)
C.G'SELL (Nancy)*

Symp 6-2 : Processing and reactive processing.

*Chairpersons: J.-F. AGASSANT (Sophia-Antipolis)
H.E.H. MEIJER (Eindhoven)*

7- NEW DEVELOPMENTS IN COMMERCIAL POLYMERS

Symp 7 : Commodity / Engineering plastics and elastomers.

*Chairpersons: M. GLOTIN (Paris)
P. LEMSTRA (Eindhoven),
V. WARZELHAN (Ludwigshafen)*

8- POLYMER EDUCATION : FROM THE ACADEMIC BASIS TO TECHNOLOGY

Symp 8 *Chairpersons: G. FROYER (Nantes)
A. KHOKHLOV (Moscow)*

9- INTERNATIONAL COOPERATION IN POLYMER SCIENCE : NOVEL INITIATIVES

Symp 9 *Chairpersons: M. FONTANILLE (Bordeaux)
S. PENCZEK (Lodz)*

→ PLENARY LECTURES

The following speakers have confirmed their participation.

M. DOI	Nagoya
J.M.J. FRECHET	Berkeley
J.-M. LEHN	Strasbourg
L. LEIBLER	Paris
C.W. MACOSKO	Minneapolis
K. MATYJASZEWSKI	Pittsburg
H.E.H. MEIJER	Eindhoven
H. MÖHWALD	Potsdam
K. WÜTHRICH	Zürich

→ CALL FOR PAPERS

The World Polymer Congress IUPAC MACRO 2004 will feature 10 plenary lectures, 250 invited lectures, 350 oral communications and space will be available for 1500 posters. Information on the process and format of the abstracts will be available on the website.

→ PRE-REGISTRATION

Persons interested in participating in the Congress are encouraged to rapidly mail the pre-registration form, or e-mail the requested information to <congress.macro2004@abako-prod.com>. After which, they will receive the Final Circular.

Detailed information on online registration (fees, accommodation, etc) will appear on the website and in the Final Circular (december 2003).

→ FINANCIAL SUPPORT

Doctoral students currently registered at university, will be granted a 50% fee reduction. The Organizing Committee will provide some support (fee reduction, partial funding) to a limited number of participants from less favored countries.

Selection will be based both on scientific excellence of the proposed contributions and the economic context of the concerned countries. Applications should be submitted to the Program Committee Chairman (<macro04@ccr.jussieu.fr>).

→ LETTERS OF INVITATION

The organizing committee will be pleased to send a letter of invitation to any scientist upon request. It should be understood that such a letter is only intended to help participants to obtain a visa or to raise travel funds and is not a commitment on the part of the organizers to provide any financial support.

→ 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 level as the conference rooms.

All companies interested in making arrangements for rental of exhibition space are invited to contact the MACRO 2004 Organizing Secretariat (see "Contacts").

→ ORGANIZATION- ACCOMODATION

The technical organization of the Conference is entrusted to a professional organizing company (ABAKO Production). A large choice of selected hotels of various standards will be offered, at special congress rates. Information on cheap accommodation, student and youth hostels will also be given in the Final Circular and on the website.



Photo : Pierre Kitmacher

WORLD POLYMER CONGRESS IUPAC MACRO 2004 Paris, France, July 4 - 9, 2004 PRE-REGISTRATION FORM

Prof Dr Mr Ms

Name :
last name first name

Affiliation :

Address :

City :

Zip code : Country :

Fax :

Tel :

E-Mail :

I plan to attend WPC MACRO 2004

I would like to receive the Final Circular

I am interested in Topic Symp

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.....

I wish to contribute,
 Oral presentation Poster

Tentative Title :

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.....

Hotel Selection : Please list your preference

**** 150-250 € *** 85-120 € ** 65-85 € *or Cité Universitaire 35-55 €

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