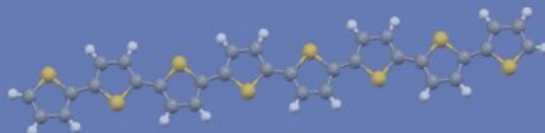




**Fπ8**  
the 8th International Symposium  
on Functional  $\pi$ -Electron Systems



2<sup>nd</sup> Circular

# Fπ8, the 8<sup>th</sup> International Symposium on Functional $\pi$ -Electron Systems

Date: 21.7.2008 - 25.7.2008

Location: Graz / Austria

Conference Site: Graz University of Technology

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**Organised by – Conference Chair**



Ao. Univ.-Prof. DI Dr. Emil J. W. List

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## Scope of the International Symposium F $\pi$ 8

The 8<sup>th</sup> symposium will continue the tradition and bring together chemists, physicists and engineers to discuss recent developments in the field of  $\pi$ -conjugated matter. The technical program will include plenary lectures, invited lectures, oral and posters of the contributed technical papers on:

- Synthesis of functional  $\pi$ -electron materials
- Functions (biological, chemical, physical, etc.)
- Processing and fabrications
- Structure (bulk, surface/interface)
- Properties (electronic, biological, mechanical, etc.)
- Applications (OLEDs, OPVs, OTFTs, sensors, NLO, etc.)
- Industrial aspects of  $\pi$ -electron materials

## Deadlines

- Beginning of Registration: 1.1.2008
- **Abstract Submission Deadline (changed): 31.5.2008**
- Early Registration Benefit: 16.6.2008
- Registration Deadline: 30.6.2008

## Web-Page

More Information and updates of these as well as the registration procedure can be found at the conference web page:

<http://www.fpi8.at/>

## Fees

- Early Registration Fee (before 16.6.2008):
  - Full registration: 450 EUR
  - Student registration: 250 EUR
- Registration Fee:
  - Full registration: 550 EUR
  - Student registration: 300 EUR

Fees have to be paid via bank transfer (the relevant bank details will be given in the invoice). Late registration fees can be paid at the beginning of the conference upon registration.

**List of confirmed invited speakers**

- Alex Adronov  
McMaster University  
Title to be announced
- John E. Anthony  
University of Kentucky  
Electronic, structure and morphology tuning of organic semiconductors.
- Magnus Berggren  
Linköping University  
Electronic ion pumps and wettability switches to control intracellular signalling and cell growth.
- Ronald K. Castellano  
University of Florida  
Title to be announced
- Maxwell J. Crossley  
The University of Sydney  
Merging porphyrin thin films with optical fibres - new integrated technologies.
- Andrew Holmes  
University of Melbourne  
Title to be announced.
- Takashi Kato  
The University of Tokyo  
Title to be announced.
- Guglielmo Lanzani  
Politecnico di Milano  
Ultrafast photonics in conjugated polymers.
- Karl Leo  
Technische Universität Dresden  
Highly efficient OLED and organic solar cells based on doped transport layers.
- John Lupton  
University of Utah, Department of Physics  
Optical spectroscopy of single  $\pi$ -conjugated macromolecules.
- Takuzo Aida  
The University of Tokyo  
Title to be announced.
- Guillermo C. Bazan  
University of California at Santa Barbara  
Additives Provide Kinetic Control of the Morphology in Bulk Heterojunction Organic Solar Cells Prepared by Spin Coating Techniques.
- Stefan Bernhard  
Princeton University  
Synthetically Tuned Luminophoric Materials: 3D Displays, Solar Energy Conversion, and Beyond.
- Yoshiki Chujo  
Kyoto University  
New  $\pi$ -Conjugated Organoboron Polymers.
- Gregor Heimel  
Humboldt Universität zu Berlin  
The many facets of p-conjugated molecules - Intrinsic molecular interface dipoles.
- Rene A.J. Janssen  
Eindhoven University of Technology  
Photophysics of polymer solar cell materials.
- Norbert Koch  
Humboldt Universität zu Berlin  
Energetics of organic semiconductors at contacts.
- Dago de Leeuw  
Philips Research Laboratories  
Resistive switching in non-volatile organic random-access memories.
- Maria Antonietta Loi  
University of Groningen  
Hybrids nano-materials: from fundamental properties to applications.
- Marcel Mayor  
University of Basel, Department of Chemistry  
Molecular Electronics.

- Seth R. Marder  
Georgia Institute of Technology  
The Design of Third-Order Nonlinear Optical Materials / New Materials for Organic Electronics
- Richard D. McCullough  
Carnegie Mellon University Pittsburgh  
Title to be announced
- Klaus Müllen  
Max Planck Institute for Polymer Research  
Synthesizing Electronic Properties – the Chemist's Approach to Carbon-Rich Materials.
- Evgueni Nesterov  
Louisiana State University, Department of Chemistry  
Controlled ratiometric fluorescence in  $\pi$ -electron conjugated systems: fundamental aspects and applications.
- S. Ramakrishnan  
Indian Institute of Science  
Conjugation Length control in PPV Derivatives.
- Joseph Shinar  
Iowa State University  
Structurally integrated OLED-based chemical and biological sensors.
- Peter Strohrriegl  
University of Bayreuth  
Matrix materials for phosphorescent light emitting materials.
- John D. Tovar  
Johns Hopkins University  
Title to announced
- Mark Watson  
University of Kentucky  
Title to be announced.
- Shigehiro Yamaguchi  
Nagoya University  
New Ladder  $\pi$ -Electron Systems synthesized by Intramolecular Double Cyclization of  $o,o'$ -Disubstituted Diphenylacetylenes.
- Iain McCulloch  
Imperial College  
Designing High Performance Organic Semiconducting Polymers.
- Klaus Meerholz  
University of Cologne  
Title to be announced.
- Hiroyuki Nakazumi  
Osaka Prefecture University  
Title to be announced
- Atsuhiko Osuka  
Department of Chemistry, Graduate School of Science, Kyoto University  
Title to be announced.
- John R. Reynolds  
University of Florida  
Spanning the spectrum: donor/acceptor concepts in conjugated oligomers and polymers.
- Henning Sirringhaus  
Laboratory University of Cambridge  
Charge trapping in polymer field effect transistors.
- Toyonari Sugimoto  
Osaka Prefecture University  
Title to be announced.
- Hans-Achim Wagenknecht  
University of Regensburg (Organic Chemistry)  
Fluorescence and Photoinduced Charge Transfer in Modified DNA.
- Yoshihiro Yamaguchi  
Kinki University  
Optoelectronic Materials Derived From Rod-shaped  $\pi$  Skeletones.
- Takakazu Yamamoto  
Tokyo Institute of Technology  
Preparation of New  $\pi$ -Conjugated Polymers by Organometallic Polycondensation.

- Tsutomu Yokozawa  
Kanagawa University  
Synthesis of Well-Defined Pi-Conjugated Polymers by Catalyst-Transfer Condensation Polymerization.
- Shuai Zhigang  
Institute of Chemistry, Chinese Academy of Sciences  
Electron transfer and charge mobility for pi-system: non-perturbative and quantum effects.
- Mikhail Zolotukhin  
The Materials Research Institute of the National Autonomous University of Mexico  
Novel, metal-free syntheses of functional aromatic polymers.

## Accommodation

Attendees of the conference will be accommodated in various hotels in the centre of Graz and can reach the conference venues either by walking or by taking the tramway directly to the universities. Booking and information about the available Hotels, Prices and Rooms can be found on the web-page of the conference.

## Language

The official conference language will be English. No translation facilities will be available and all abstracts and manuscripts must be presented in English.

## Participation and Registration

Please circulate the present announcement to potentially interested colleagues, in particular young students, who may not be in our mailing list. We would like to particularly encourage students and post-docs to participate in the conference.

## International Advisory Board

Peter Bäuerle (University of Ulm, Germany)  
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