

LECTURER

Plenary Lecturer

Lee, Sin-Doo, South Korea
Museum, Igor, Slovenia
Müllen, Klaus, Germany
Palffy-Muhoray, Peter, USA

Industrial Keynote Lecture

Wittek, Michael, Germany

Invited Lecturer

Cepic, Mojca, Slovenia
Clark, Noel, USA
Eber, Nandor, Hungary
Eremin, Alexey, Germany
Fuh, Andy Y.-G., Taiwan
Gleeson, James T., USA
Keller, Patrick, France
Kwok, Hoi S., China
Lekkerkerker, H. N. W., Netherlands
Mehl, Georg H., UK
Neto, Antonio F., Brazil
Osipov, Mikhail, UK
Pozhidaev, Evgeny, Russia
Rey, Alexandro, Canada
Ros, Blanca, Spain
Suresh, Kattera A., India
Tanaka, Hajime, Japan
Tschierske, Carsten, Germany
Vij, Jagdish K., Ireland
Zannoni, Claudio, Italy

Symposium: Shape-memory elastomers

Huang, Weimin, Singapore
Ikeda, Tomiki, Japan
Poulin, Philippe, France
Terentjev, Eugene, UK
White, Tim, USA

Symposium: Self-organization in opto-electronic materials

Andrienko, Denis, Germany
Hanna, Jun-ichi, Japan
Kim, Sang Ouk, South Korea
Lee, Changhee, South Korea
McCulloch, Iain, UK
Ober, Chris, USA
O'Neill, Mary, UK

Symposium: Liquid crystal aspects of active media

Dogic, Zvonimir, USA
Marchetti, M. Cristina, USA
Sekimoto, Ken, France
Svensek, Daniel, Slovenia

Symposium: Liquid crystal aspects of bio-polymers and bio-membranes

Kato, Takashi, Japan
Lecommandoux, Sebastien, France
Li, Min-Hui, France
Meier, Wolfgang, Switzerland

A considerable number of additional invited lectures will be chosen from the submitted abstracts, in order to guarantee time-liness of the scientific program.

CONTACT

For further information please contact

Scientific Program and Organization

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Abstract Submission, Registration and Organization

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Sponsoring and Exhibition

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FURTHER INFORMATION

In order to be kept informed about all news, facts and latest announcements regarding ILCC 2012, please register for the symposium newsletter (online news list) at

www.ilcc2012.de/registration.htm



ILCC 2012

24th International Liquid Crystal Conference

August 19th – 24th 2012 · Mainz, Germany



CALL FOR PAPERS

Date: January 17, 2012

www.ilcc2012.de



INVITATION

The mission of this biannual conference is to bring together the scientific community working in the interdisciplinary field of Liquid Crystals, or mesophases in the broader sense. This community ranges from classical synthetic chemistry to theoretical physics, from structural biology to engineering applications, and is linked by the interest in various aspects of soft matter. Liquid Crystals are nowadays almost omnipresent in many, very different fields of science and this conference will provide a common platform for demonstrating and discussing new developments.

Rudolf Zentel University of Mainz (chairman)
Klaus Muellen Max Planck Institute for Polymer Research (co-chairman)
Harald Pleiner Max Planck Institute for Polymer Research (co-chairman)

TOPICS OF THE ILCC 2012

1. Liquid crystal phases, structures and ordering
2. Theory, simulations and modeling
3. Pattern formation and dynamics
4. Symmetry, chirality and polarity
5. Molecular design, synthesis and new materials
6. Discotic liquid crystals
7. Bent core liquid crystals
8. Liquid crystalline polymers and elastomers
9. Colloidal and lyotropic liquid crystals
10. Liquid crystalline ordering in biological systems
11. Surfaces and confined systems
12. Liquid crystal nanocomposites
13. Liquid crystals in electrooptics and display applications
14. Liquid crystals in opto-electronics and photonics
15. Liquid crystals and mesophases in other fields
16. Liquid crystals in education

SPECIAL SYMPOSIA

17. Shape-memory elastomers
18. Self-organization in opto-electronic materials
19. Liquid crystal aspects of active media
20. Liquid crystal aspects of bio-polymers and bio-membranes

CALL FOR PAPERS

The Scientific Committee cordially invites you to submit scientific contributions, oral presentations and posters to the ILCC 2012. Please submit abstracts through our website at

www.ilcc2012.de/abstracts.htm

Please indicate topic area, oral or poster presentation and adhere to the guidelines and deadlines given. An abstract template is available on this site. The Scientific Committee reserves the right to accept or reject papers, and to assign them to oral presentations or posters.

It is planned that selected oral presentations will be reclassified to invited lectures.

KEY DATES

Manuscripts

abstract submission ends: March 9, 2012
abstract notification: April 16, 2012
extended abstract deadline: June 15, 2012

Conference fees

early bird registration rates valid until: April 30, 2012
regular registration rates valid until: June 25, 2012
(late registration rates apply for on-site registration)

TRAVEL

- although Frankfurt airport provides very many connections to destinations all over the world, early booking might be advisable to secure better airfares
- in case you need a visa to enter Germany, do not hesitate to start the visa application process as early as possible

ACCOMMODATION

You may book your accommodation online through the conference homepage

www.ilcc2012.de/accommod.htm

There is no general expiration date for the rooms that can be booked at the special rates; however, the most favorable offers may be sold out very early.

MAINZ – THE CONFERENCE VENUE

Mainz is the capital of the German state Rhineland-Palatine at the confluence of the river Main into the Rhine with about 200 000 inhabitants. It is the Western gateway to the Rhein-Main area – with about 5 million inhabitants the third-largest metropolitan area of Germany and one of the most dynamic ones in Europe. Mainz has been founded 2000 years ago by the Romans and played an important role in German history from the medieval times up to the 18th century. People, like St. Bonifatius, the „apostle“ of the Germans, Johannes Gutenberg, the inventor of movable type printing, and many prince-bishops, decisive electors of the German kings, left their marks in history and in the town. Countless tourists are attracted by the churches and nobel palaces, as well as by the numerous museums that reflect the art and the spirit of the ages. Today, Mainz features a mix of industrial strength, viticulture center (wine capitol of Germany), public administration, culture and history, entertainment business (movie and television production, carnival stronghold, football), as well as science and education (Johannes Gutenberg University, the Max Planck Institutes for Polymer Research and for Chemistry, and other research institutes, academies, and higher education institutions). More information can be found on www.mainz.de.

SOCIAL EVENTS

There will be a **Get-together** on Sunday evening. The **Conference Excursion** (boat trip on the river Rhine) is on Wednesday afternoon followed by the Conference Dinner in the evening. Further information on other social events (also for accompanying persons) will come in due time.

SPONSORS



Take a chance and become a sponsor of the ILCC 2012. Information are to be found at

www.ilcc2012.de/sponsexhib.htm