

VENUE

The conference will be held at Coimbra University Auditorium, which is located in the old part of the University, in the center of the city. Coimbra University is one of the oldest in Europe, its foundation dating back to 1290. Apart from the University, there are many interesting monuments dating from the Roman times onwards.

Coimbra is approximately 200 km North from Lisbon and 100 km south from Oporto. Lisbon and Oporto have international airports. Coimbra is connected to both cities by fast trains, bus and highway. Train timetables can be found at http://www.cp.pt/horarios/e_tipos.html



ACCOMODATION

The participants are kindly requested to make their own travel and accommodation arrangements.

A list of suitable hotels will be available in the ICDL2005 web site along with hotel registration deadlines and prices agreed for the participants of the conference. A detailed map of Coimbra is also available at the ICDL2005 web site, where the hotels can be located. This information will also be included in the 2nd announcement of the conference.

SOCIAL PROGRAM

Coimbra and its surroundings offer a large variety of cultural, historical and natural attractions. The social program for participants (and companions) will include a welcome cocktail, a social diner, an excursion and a cultural session.

CONFERENCE ADDRESS

All correspondence should be addressed to:

ICDL2005
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Organizer: LIP-Coimbra - Laboratório de Instrumentação e Física Experimental de Partículas-Coimbra

Sponsored by: IEEE Dielectrics and Electrical Insulation Society



Call for Papers

IEEE ICDL 2005

15th IEEE International Conference
on Dielectric Liquids



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26 June-1 July, 2005
Coimbra, Portugal

<http://www-lip.fis.uc.pt/~icdl2005>



GENERAL INFORMATION

The IEEE 2005 International Conference on Dielectric Liquids (ICDL2005) will be held at University of Coimbra, Portugal, 26 June-1 July 2005. This is the 15th conference of a series that had its last venues in Graz, Austria (2002), Nara, Japan (1999), Rome, Italy (1996), Baden-Dättwil, Switzerland (1993), Grenoble, France (1990), Salford, United Kingdom (1987), Pavia, Italy (1984), Berlin, Germany (1981).

The conference is an interdisciplinary forum for the presentation and discussion of ideas, research results and practical experience on properties, phenomena and applications of dielectric liquids. It is addressed to physicists, chemists and engineers who are engaged in research and practical applications of dielectric liquids, including:

- Basic properties and processes (properties of charge carriers, electrical conduction, space charge effects, high field effects, interfacial effects, optical properties etc.)
- Pre-breakdown and breakdown phenomena
- Interaction of radiation with liquids and related processes
- Application of liquids to radiation detectors
- Advanced experimental methods
- Materials and technologies
- Electrohydrodynamics
- Biophysics related phenomena

Apart from papers on well-established ICDL topics, contributions on radiation detectors using liquids as sensitive medium and their applications, as well as on the interaction of radiation with liquids and related aspects such as ionization and excitation processes, recombination, charge amplification, primary and secondary scintillation and optical properties, are welcome.

CONFERENCE FORMAT

The program will consist of oral presentations and posters given by the participants in plenary sessions. Invited lectures given by distinguished scientists are planned.

The Hans Tropper Memorial Lecture is an invited lecture given by an acknowledged expert in the field relevant to the conference.

In memory of Eric Forster an award for the best young researcher paper presented at the conference will be given.

INFORMATION FOR AUTHORS

Authors are invited to submit extended abstracts with a maximum of two pages (including figures, tables and references) that clearly explain the relevance and originality of their work. The abstract must be submitted electronically as attachment of an e-mail message to be sent to icdl2005@lipc.fis.uc.pt. Authors whose abstracts are accepted will be requested to provide a four-page paper. All manuscripts will be published in the conference proceedings provided that one registration fee is paid per paper before 30th April 2005.

Details concerning the format and submission of manuscript will be given in the second announcement.

Like in previous ICDLs, the organizers intend to arrange a special issue of IEEE Transactions on Dielectrics and Electrical Insulation consisting of selected and expanded conference proceeding's papers subjected to peer-review.

WORKING LANGUAGE

The working language of the conference is English. All printed materials will be published in English.

SECOND ANNOUNCEMENT

To receive the 2nd announcement and/or expression of intention to submit an abstract, fill the attached form and mail it. This form can also be filled online at <https://www.coimbra.lip.pt/~icdl2005/preregistration.shtml>

DEADLINES

Submission of abstracts: October 15, 2004
Notification to authors: December 31, 2004
Manuscript submission: February 15, 2005
Advance registration: April 30, 2005

ORGANIZING COMMITTEE

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