OUR MISSION

As the Commission’s in-house science service, the Joint Research Centre’s mission is to provide EU policies with independent, evidence-based scientific and technical support throughout the whole policy cycle. Working in close cooperation with policy Directorates-General, the JRC addresses key societal challenges while stimulating innovation through developing new methods, tools and standards, and sharing its know-how with the Member States, the scientific community and international partners. Key policy areas include: environment and climate change; energy and transport; agri-culture and food security; health and consumer protection; information society and digital agenda; safety and security, including nuclear; all supported through a cross-cutting and multi-disciplinary approach.

www.jrc.ec.europa.eu

Joint Research Centre
The European Commission’s in-house scientific service

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First announcement and call for papers

10th INTERNATIONAL WORKSHOP ON SUBSECOND THERMOPHYSICS

Joint Research Centre
Institute for Transuranium Elements
Karlsruhe, Germany
June 26 - 28, 2013
http://www.jrc.ec.europa.eu/events/subsecond
ABOUT THE WORKSHOP

This will be the tenth of a series of well-established workshops on experimental, theoretical, simulation, and applied aspects of the thermophysical behaviour of matter in the millisecond to picosecond time regimes. It will include, among others, rapid resistive or inductive heating (volume), pulsed laser heating (surface), and levitation techniques. Presentations regarding new experimental techniques in the area of subsecond thermophysics are always welcome. The emphasis will be on measurements of thermophysical properties at high temperatures. In this regime pulse-heating techniques are a unique approach to study the behaviour of matter under conditions near and far from thermodynamic equilibrium.

An informal workshop atmosphere has been chosen to promote exchange and cooperation among scientists and researchers from academia, research institutions, and industry, with common scientific and technical interests.

Call for papers

The workshop will consist of invited and contributed papers. Abstracts (200-300 words) are to be submitted by October 31, 2012. The content of the abstract will be the basis of acceptance for presentation at the workshop. Full-length manuscripts are to be submitted by the end of the workshop. The papers will be reviewed and those accepted will be published in a special workshop issue.

Conference language

For abstracts, papers, and oral presentations, the language to be used is English. No simultaneous translations will be provided.

Mailing list

Those interested in the workshop should email their interest to K. Boboridis (see address for correspondence below).

Our mailing list may not be up-to-date. Please inform colleagues who might be interested in attending the workshop.

Location

The conference will be held at the Institute for Transuranium Elements (ITU), one of seven institutes of the European Commission’s Joint Research Centre. ITU is located on the northern campus of KIT, the Karlsruhe Institute of Technology, in Eggenstein-Leopoldshafen right outside Karlsruhe. Karlsruhe is easily accessible by train, and the airports of Karlsruhe/Baden-Baden (45 km by taxi) and Frankfurt International Airport (one hour direct train).

Accompanying persons

A program will be arranged for accompanying persons.

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