

Publication rates:

320 € (instead of 400 €) for non-members
 280 € (instead of 350 €) for full EOS members

Deadlines

Opening of online submission	16 January 2012
Abstract submission deadline	17 February 2012
Notification to authors	2 March 2012
Publication of the Advance Programme	23 March 2012
Early-bird registration deadline	20 April 2012

Venue

Prague, the capital of the Czech Republic, is a most valuable historical city reserve. In 1992, the historical core of the city covering 866 hectares was listed in the UNESCO World Cultural and Natural Heritage Register. Prague represents a unique collection of historical monuments dominated by the Prague Castle which towers high above the city. It is a display of all artistic styles and movements.

The historical core of the city is situated on both banks of the Vltava river and consists of 6 parts - formerly independent urban units unified in the 18th century: Stare Mesto (Old Town), Josefov (the preserved part of the former Jewish Town - today a part of the Old Town), Nove Mesto (New Town), Mala Strana (Lesser Town), Hradcany and Vysehrad. Naturally, most of the historical monuments, museums and galleries are concentrated right there. [Source: www.praguewelcome.cz]



TST 2012 will take place at Kaiserstejnky Palace which is located in the Prague Lesser Town and has been hosting events for more than three centuries.

Its total reconstruction begins under the architects Zdeněk Pokorný and Jaroslav Bělský in 1977, and it was registered a UNESCO heritage site in 1981. Restitution procedures were completed and the palace returned to its original owners in 1997.

Contact

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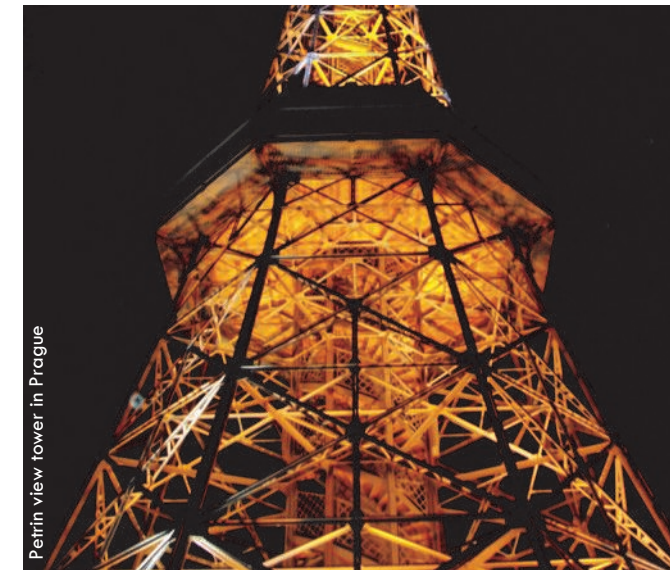
3rd EOS Topical Meeting

on THz Science & Technology (TST 2012)

17 - 20 June 2012

Kaiserstejnky Palace, Prague, Czech Republic

1st Announcement & Call for Papers



Petrin view tower in Prague

Partners

Synopsis

The field of THz Science and Technology is growing at a tremendous speed, as evidenced by the exponentially growing number of publications in this field and by the rapidly increasing number of patents and applications. This topical meeting provides a platform on which the latest results in the generation, detection and use of THz radiation in science and technology will be presented and discussed. The meeting is for senior scientists and (under)graduate students alike. There will be two 45 minute-long Masterclasses, especially aimed at the undergraduate and graduate student level.

This meeting is the 3rd of the EOS Topical Meeting Series on THz Science & Technology. Former meetings took place in Paris in 2008 and 2010 under the umbrella of the EOS Annual Meetings 2008 and 2010.

Topics

- Emission of THz radiation (QCLs, HEMTs, FELs, synchrotrons, nonlinear optics, etc.)
- Detection of THz radiation (quantum dots, single photon detectors, time-gated, HEMTs, etc.)
- THz integrated optics, waveguiding, plasmonics, metamaterials, photonic crystals
- Interaction of THz radiation with matter (dielectrics, semiconductors, nanostructured materials, liquid-state dynamics, chemistry, biology, ultrafast spectroscopy, etc.)

- Nonlinear phenomena induced by THz radiation
- THz far-field and near-field imaging, THz microscopy and micro-spectroscopy
- Remote sensing of gases and chemical / biological agents
- THz applications (security, telecom, remote detection, etc.)

Chairs



Petr Kužel

Academy of Sciences of the Czech Republic (CZ)



Peter Uhd Jepsen

Technical University of Denmark (DK)

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Chiko Otani, RIKEN (JP)

Richard Averitt, Boston University (US)

Masayoshi Tonouchi, Osaka University (JP)

Keynote Speaker

tba

Masterclass Speakers

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Invited Speakers

Junichiro Kono, Rice University (US)

Kodo Kawase, Nagoya University (JP)

Oleg Mitrofanov, University College London (GB)

Hynek Nemeč, Academy of Sciences of the Czech Republic (CZ)

Miriam Vitiello, National Research Council (IT)

Dave Cooke, McGill University (CA)

Alexej Pashkin, University of Konstanz (DE)

Marco Rahm, Technical University of Kaiserslautern (DE)

Giacomo Scalari, ETH Zurich (CH)

Abstract submission

The abstract submission will be open from 16 January through 17 February 2012. Authors are requested to submit an abstract of 2 pages including at least one figure. Guidelines can be downloaded at www.myeos.org/system/files/events/abstractguidelines.pdf.

Contributions are accepted for oral and poster presentation. All accepted contributions are to be published in the digest CD-ROM which will be available at the beginning of the meeting. All authors are requested to register separately from abstract submission.

Paper Publication in JEOS:RP

Attendees of TST 2012 are welcome to submit a paper to the Journal of the European Optical Society - Rapid Publications (JEOS:RP). The paper must be an original high-quality contribution connected to this Topical Meeting and will be reviewed according to the normal procedure of the journal. In case of acceptance authors will receive a 20% discount on the publication rate. The paper must be submitted no later than 30 September 2012 (www.jeos.org). The publication of a paper in JEOS:RP is an option, but no obligation. For the publication rates, please see next page.

