

Third Announcement

**10th European Conference on Luminescent Detectors and
Transformers of Ionizing Radiation
LUMDETR'2018**

Prague, Czech Republic, September 9 – 14, 2018

The Institute of Physics AS CR and Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University in Prague, invite you to the 5th European Conference on Luminescent Detectors and Transformers of Ionising Radiation to be held in Prague, September 9-14, 2018. LUMDETR2018 will continue the tradition established by the previous meetings in Latvia (Riga, 1991), Estonia (Tallin, 1994), Poland (Ustron, 1997), Latvia (Riga, 2000) Czech Republic (Prague, 2003), Ukraine (Lviv, 2006), Poland (Krakow, 2009), Germany (Halle, 2012) and Estonia (Tartu, 2015). This conference provides an interdisciplinary forum for the presentation of the latest developments in basic and applied research in the field of radioluminescence, the processes of energy transfer and storage in solid state systems, the physics and chemistry of luminescent phosphor and scintillation materials, and related applications.

More than 230 colleagues from 34 countries of Europe, Asia, Africa and America have registered for the conference and 227 contributions are scheduled for the invited (13), oral (63) and poster (151) presentations.

Conference chairpersons

M. Nikl Institute of Physics, Academy of Sciences of the Czech Republic, Prague
T. Trojek Dept. of Dosimetry, Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University in Prague

Conference committees*International Advisory Committee*

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Local organisation committee

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T. Čechák
K. Johnová
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T. Urban

Presentations

The oral and poster presentations have been assigned after evaluation of the submitted abstracts. Contributed oral presentation is scheduled for 15 min. including discussion. The PC-based projection (Microsoft Power Point or pdf formats) will be available for the speakers, please bring your presentation on flash memory and record it before the session on PC in lecture. The poster size will be 90(width)x120(height) cm. Fixing pins will be provided by organizers.

Conference Proceedings and manuscript preparation

The proceedings of the conference will be published in the special issue of *Radiation Measurements (Elsevier)* journal. The contributed paper length will be typically 4 journal pages, while the invited paper about 6 journal pages. Maximum one manuscript per one attending conference participant will be allowed for the publication. Manuscripts will be submitted through the journal web site where all the instructions regarding manuscript preparation are available. Submission deadline is September 30, 2018 and submitted manuscripts will undergo a standard referee procedure. We suppose maximum 50 papers published in the special issue, further details will be provided at the conference. Due to high number of submitted abstracts the Program Committee with Guest Editors reserve the right to make the final selection of manuscripts for publication.

Student status confirmation and support provided

To fulfill the requirements of the EC ASCIMAT grant support we need from all the colleagues declaring student/PhD student status the signed confirmation from their supervisor. Please, send it by e-mail attachment or bring to the conference secretariat at the moment of registration.

Scientific Program

Program will be divided into 13 sessions, which will be introduced by the invited keynote speakers (30 minutes talk) and followed by the contributed oral presentations. The list of the invited talks is posted at the conference web site and the first version of the program is available there as well. Due to high number of posters three poster sessions will be organized on Monday, Tuesday and Thursday on September 10, 11 and 13, respectively. Please, respect the poster exhibition/removal times given in the conference program. Wednesday afternoon is kept free for the conference excursion. Scientific exhibition will be opened between September 10-13 in a separate room. We still encourage participation in the exhibition, please contact conference secretariat in the case of interest.

Location

The conference will take place in the central building of the Faculty of Nuclear Sciences and Physical Engineering CTU, Břehová 7, Prague 1. Lecture hall with 180 seats capacity and on-line video of running presentations in another nearby lecture room (50 seats) will be provided for participants, poster sessions will be organized next to the lecture halls as well as the scientific exhibition. Several PC's will be available for remote log-in and e-mail connections in a dedicated room. Wifi connection will be available in all the conference space.

Public Transport connection:

To the conference site:

METRO, line A – station “Staromestska”

TRAM no.2, 18 – station “Staromestska”

TRAM no.17 – station “Pravnicka fakulta”

To Masarykova college:

METRO, line A – station “Dejvicka”

TRAM no. 20, 26

TRAM no.22 – station “Malostranska”&cross river

Registration

Registration will be opened at the conference site:

September 9, 2016, from 4.p.m. until 7 p.m.

September 10, 2018, from 8 a.m. until 4 p.m.

Later registrations will be possible in the conference secretariat at the conference site. Due to technical constraints, at the registration cash desk **only Euro currency will be accepted (exact amounts, please) and no credit cards can be handled**. We strongly encourage the advanced payments to simplify the registration procedures.

Social program

All the participants including accompanying persons are invited to participate in the social program sketched below. Another activities might be added, please follow the conference web site. Do not hesitate to contact us individually in related matters.

Day	Time	Program	Note
Sunday 9.9.	18.00-20.00	Welcome party	Conference site
Tuesday 11.9.	19.00	Concert in Bethlehem Chapel	Bethlehem square, Prague 1
Wednesday 12.9.	12.50-13.30	Buffet lunches	Conference site
	13.30-18.00	Conference trip with excursion	Plzen, <i>Pilsen Urquell Brewery</i> and <i>Brewery Museum</i> . Start from conference site
	19.00-21.00	Conference dinner	Plzen, restaurant <i>Spilka</i> in the area of <i>Pilsen Urquell Brewery</i> , return to Prague round 22.30.

Travel

Prague can be reached easily by airplane, train or bus connections. Conference and Masarykova college can be reached by frequently operating public transport from airport, railway or bus stations. Public transport is cheap and generally efficient in Prague.

Further Information

Please, consult the conference website, <https://lumdetr2018.fzu.cz/> , which will be continuously updated or contact us at conference secretariat:

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