



Frontiers in Low Temperature Plasma Diagnostics XII

Second announcement



23 - 27 April 2017, Zlatibor, Serbia

We would like to invite you to the 12th Frontiers in Low Temperature Plasma Diagnostics (FLTPD) workshop. This workshop is the continuation of a very successful biennial series which began in 1995 at Les Houches (France). It will be held at the beautiful Serbian mountainside of Zlatibor and will take place from Sunday 23rd to Thursday 27th April, 2017 at the conference centre "Romanija".

Conference format

FLTPD workshop is a European event which brings together scientists working on low-temperature plasmas to present their recent results, focusing on original diagnostic techniques. The workshop is limited to approximately 80 participants from academic, research and industrial institutions. The program consists of expert presentations from around 10 invited speakers, topical talks selected by the International Scientific Committee from submitted abstracts, and poster contributions. All participants are expected to present a contribution. It is an important and fruitful opportunity for young plasma scientists to share and discuss the latest developments in plasma diagnostics with the experts in the field.

Call for Abstract

As a rule, all participants are expected to present a contribution.

Therefore, we ask you to submit a single-page abstract. Abstracts must be submitted online in English. Please follow the instructions which can be found on the workshop website: <http://fltpd-xii.ipb.ac.rs/abstract.html> . The International Scientific Committee will review the submissions and select speakers for talks of 25 minutes and poster contributions from the submitted abstracts. The deadline for abstract submissions is February 12th 2017.

Registration

Registration is only possible in combination with submission of an abstract! A participant is fully registered only after the abstract is accepted by the scientific committee. Participants are strongly recommended to register as soon as possible and to submit an abstract. After simultaneous submission of registration form and abstract, a confirmation e-mail will be sent by the Organizing Committee. The Technical Organizer, [PanaComp](#) Agency, will send an e-mail with details about the payment after the abstract is accepted. All charges due to bank transfers have to be paid by the sender. Exceptionally, the payment will be possible in cash at the registration desk. The abstract acceptance notification will be sent not later than March 6th 2017.

Program

FLTPD-XII will start with a welcome reception on Sunday evening, April 23 and will end on Thursday, April 27 after lunch. The scientific program of FLTPD will start on the morning of Monday the 24th and will finish on Thursday the 27th at noon. The workshop and poster sessions will take place in the morning and late afternoon/evening. Following the tradition of FLTPD meetings, all afternoons will be free for scientific exchange and discussions. Details of the program are on the conference website <http://fltpd-xii.ipb.ac.rs/program>.

List of invited speakers:

1. **Juan Caneses** (Oak Ridge, USA), Double probe technique adapted for RF (helicon) plasmas
2. **Uwe Czarnetzki** (Bochum, Germany), Kinetics of Rydberg molecules in atmospheric pressure helium plasma
3. **Francisco Gordillo –Vazquez** (Granada, Spain), Ground-based optical spectroscopy of plasma phenomena in the upper atmosphere of the earth
4. **Kenji Ishikawa** (Nagoya, Japan), Diagnostics of activated species generated in non-equilibrium atmospheric pressure plasmas for biomedical applications
5. **Milivoje Ivković** (Belgrade, Serbia), Optical emission spectroscopy for electron number density plasma diagnostics
6. **Xinpei Lu** (Huazhong, China), Diagnostics of atmospheric pressure non-equilibrium plasma jet and ROS penetration of tissue
7. **Kirsty McKay** (Liverpool, UK), Sampling ions from DBDs
8. **Deborah O'Connell** (York, UK), Diagnostics of plasmas in humid gases
9. **Dmytro Rafalskyi** (Palaiseau, France), Magnetized retarding field energy analyzer to measure the particle flux and ion energy distribution of both positive and negative ions
10. **Katsuyoshi Tsumori** (Toki, Japan), Plasma diagnostics of hydrogen negative ion plasma in large-scaled negative ion source

Social events

FLTPD-XII will start with a welcome reception on Sunday evening, April 23. Wednesday afternoon (April 26) is reserved for an excursion to Mokra Gora. The conference diner is organized on Wednesday evening. Participation in the social events is included in the registration fee.

Venue

FLTPD XII will take place at the conference centre “Romanija” at the mountain of Zlatibor in western Serbia. Participants will be accommodated in University Boarding house "[Ratko Mitrović](#)" in single and double rooms, two-bed and four-bed apartments.

Conference fee

Conference fee includes registration, bus transport, full accommodation, meals and social program.

Type	Before April 15th 2017	After
Regular (single room)	470 €	550 €
Students (double room)	270 €	350 €
Accompanying Persons	320 €	400 €

Important dates

Abstract submission opens:	January 26th 2017
Deadline for abstract submission:	February 12th 2017
Notification of acceptance:	March 6th 2017
Regular registration and payment:	March 17th 2017
Late registration and payment:	April 15th 2017
Conference:	April 23rd to 27th 2017

Travel information

Bus transfer will be organized from Belgrade airport and train station to Zlatibor (193 km) and back (included in the fee). There will be two bus departures, around noon and in the afternoon, (times will be coordinated with participants' arrival time as much as possible). Registered participants are encouraged to send an email to the organizer noting their arrival time and means of transport. There are also regular bus lines between Belgrade bus station and Zlatibor every hour, see the timetable [here](#). Travel time is about 4 hours, price about 10 Euros. Belgrade can be reached by plane, train and bus. All major international and several low-cost airlines have regular services to Belgrade.

Website: <http://fltpd-xii.ipb.ac.rs> ; contact email: fltpd-xii@ff.bg.ac.rs