

19th Symposium on Application of Plasma Processes, SAPP XIX

&

Workshop on Ion Mobility Spectrometry

January 26 - 31, 2013

Hotel Boboty, Vrátna dolina, Slovakia

<http://www.fmph.uniba.sk/sapp>

Second announcement



Organizing Committee

Štefan Matejčík Comenius University (chairman)
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Symposium Organizers

Department of Experimental Physics, Faculty of Mathematics, Physics and Informatics, Comenius University, Slovakia

Society for Plasma Research and Applications, Slovakia

Invitation

You are warmly invited to attend the 19th Symposium on Application of Plasma Processes (SAPP XIX) & Workshop on Ion Mobility Spectrometry, which will be held in Hotel Boboty, Vrátna dolina, Slovakia, January 26 – 31, 2013.

Location

Hotel Boboty is in Malá Fatra mountains, from Bratislava (220 km), Vienna airport (290 km), Žilina (25 km).

Conference Fee

Type of room	Price*
Single bed room	€ 550 (640)
Double bed room	€ 450 (540)
Accompany person	€ 350 (440)
Triple bed room	€ 390 (480)

* () price after November 16th, 2012

The fee is **ALL INCLUSIVE**; it includes board and lodging, book of abstracts, welcome party, conference dinner and the service during the symposium.

Payment Details

Bank name: Slovenska sporitelna, a. s.
Bank address: Suche myto 4,
81607 Bratislava, Slovakia
Acc. holder: Spolocnost pre podporu vyzkumu a aplikacii plazmy
Acc. Nr.: 0633969815/0900
IBAN: SK04 0900 0000 0006 3396 9815
BIC-SWIFT: GIBASKBX
Comment: SAPP - participant's name(s)

Schedule & Deadlines

Registration: November 16th, 2012
Abstract submission: December 1st, 2012
3rd Announcement: December 15th, 2012
ASF paper submission: March 31st, 2013

Special Issue of Advanced Science Focus

A revised Book of Contributed Papers will be distributed on DVDs to the participants. Moreover for the first time the organizers offer to participate on a special issue of **Advanced Science Focus**, multidisciplinary peer-reviewed scientific journal devoted to SAPP XIX, published by American Scientific Publishers. All participants are invited to submit their extended contributions after the conference. For more information visit the journal's homepage <http://www.aspbs.com/asfo>.

Symposium Programme

8:15-10:00 MORNING SESSION
10:00-16:15 INFORMAL DISCUSSION & LEISURE
16:15-21:30 AFTERNOON SESSION

Topics

1. Electrical discharges and other plasma sources
2. Elementary processes and plasma chemical reactions
3. Plasma-surface interactions
4. Plasma treatment of polymer and biological material
5. Nanometer-scaled plasma technology
6. Ion mobility spectrometry

Invited Speakers

Helko Borsdorf

(Helmholtz Zentrum für Umweltforschung - UFZ, Leipzig)
Atmospheric Pressure Ionization Processes in Ion Mobility Spectrometry Depending on Structural Features of Analytes

Nicholas Braithwaite & Mark Bowden

(Open University, Milton Keynes)
Microdischarges in Diamond Substrates

Peter Brügemann

(Eindhoven University of Technology)
Reactive Species Densities and Fluxes in Cold Atmospheric Pressure Plasma Jets Used for Biomedical Applications

Olivier Guitella

(Laboratoire de Physique des Plasma, Ecole Polytechnique Saclay)
To Be Announced

Vasco Guerra

(Instituto Superior Técnico, Lisbon)
Ozone Kinetics in Low-Pressure Discharges

Uwe Konopka

(Max-Planck-Institut für Extraterrestrische Physik, Garching)
To Be Announced

Detlef Loffhagen

(Leibniz Institute for Plasma Science and Technology, Greifswald)
Impact of Small Molecular Admixtures on the Electron Drift Velocity in Argon

Dragana Maric

(Institute of Physics, Belgrade)
Breakdown and Discharge Development in Various Gases and Electrode Configurations

Thomas Mussenbrock

(Ruhr University Bochum)
To Be Announced

Masaaki Nagatsu

(Shizuoka University)
Low-Temperature Plasma Processing for Biomedical Applications

Jaroslav Puton

(Military University of Technology, Warsaw)
Efficiency of Sample Ionization in Reaction Regions of IMS Detectors

Paul Scheier

(University Innsbruck)
Ion Chemistry at Temperatures Below 1K