



10<sup>th</sup> International Workshop

# Positron and Positronium Chemistry

September 5 – 9, 2011  
Smolenice Castle, Slovakia

SECOND ANNOUNCEMENT

ppc10@savba.sk

www.ppc10.sav.sk

## Announcement

The International Workshop on **Positron and Positronium Chemistry** (PPC 10) will take place in the Smolenice Castle, Slovakia, in the period from September 5 to 9, 2011. The purpose of the Workshop is to provide an international forum for the presentation and discussion of progress in and further prospects of the field of positron and positronium chemistry and related subjects. The Workshop is organized in cooperation with the International Atomic Energy Agency, Vienna, Austria, which also sponsors the Workshop.

## Call for abstracts

The Workshop Organizers seek original contributions covering workshop topics. The abstract should not exceed one page and should be submitted no later than 30<sup>th</sup> April, 2011. Workshop topics and instructions for abstract preparation and submittal are given at the Workshop Website.

## Programme

The scientific programme of the Workshop will consist of plenary, invited and contributed talks. The poster session will also be arranged. No parallel sessions will be organized. As the incoming PPC Workshop is already the 10<sup>th</sup> workshop in the series, selected talks will summarize the development of the field since the first PPC workshop held in Blacksburg, VA, USA, in 1978.

## Speakers

As of the time of distributing this announcement, the following plenary/invited speakers confirmed their talks:

R.S. Brusa (Italy): *Characterization of Ordered and Disordered Porosities by Doppler Broadening, Lifetime and Time of Flight Positron-Positronium Annihilation Spectroscopies*

B.D. Freeman (USA): *Use and Importance of Positron Studies to Membranes for Gas and Water Purification*

T. Goworek (Poland): *Positronium in Normal Alkanes*

C.-Q. He (China): *Positron Annihilation Studies in Porous Materials*

C. Hugenschmidt (Germany): *Time-dependent Positron Annihilation Induced Auger Electron Spectroscopy and New Experiments at NEPOMUC Facility*

Y.C. Jean (USA): *Joyful Four Decades of Positron and Positronium Chemistry*

F. Macáček (Slovakia): *Positron Emitters for In Vivo Molecular Imaging – World Trends and EU Reality*

Y. Nagashima (Japan): *Positronium Negative Ions*

S.V. Stepanov (Russia): *Beyond the Point Ps Approximation*

A. Zeman (Austria): *Design of High Intensity Positron Beam HIPOS*

## Proceedings

Proceedings of the PPC 10 Workshop will be published in the Materials Science Forum journal by Trans Tech Publications. The instructions for manuscript preparation are also given at the Workshop Website. The guidelines how to submit manuscripts will be given in due time.

## Registration

The workshop fees are as follows:

regular participant	475 EUR,
student	375 EUR,
accompanying person	325 EUR,

and will increase by 50 EUR for participants registered after June 15, 2011. For all types of participants the fee includes accommodation, meals, refreshments during breaks, social program, transportation from Bratislava to Smolenice (September 5) and back (September 9), and a practical information package on the venue and events of the Workshop. For regular and student participants, the fee further covers the book of abstracts, the workshop scientific programme and a copy of proceedings.

## Travel grants

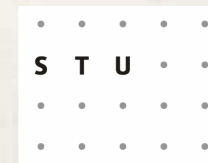
A limited number of travel grants funded by the International Atomic Energy Agency will be available. The grants are intended to support the travel to and from the Workshop and registration costs of prospective participants who would have difficulties attending the PPC 10 Workshop without this assistance. Especially young researchers from countries with lower economic resources are encouraged to apply for a travel grant. The details are given at the Workshop Website.

## Visas

Slovakia is a member of the European Union. A visa might be required for participants outside the European Union. Please contact a Slovak Embassy or Consulate in your neighborhood well in advance the PPC 10 Workshop and check visa requirements which may vary from country to country. Workshop Organizers will send an invitation letter to prospective participants upon request to support their visa applications.



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International Atomic Energy Agency  
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## Venue and accommodation

The Smolenice Castle, which is the conference center of the Slovak Academy of Sciences, also offers accommodation and workshop participants will stay in the Castle during the Workshop. Should the number of participants exceed the castle capacity, there is a hotel nearby where accommodation will be provided to remaining participants. Participants, who intend to arrive before September 5 and/or depart later than September 9, should contact Workshop Organizers for necessary arrangements. The same applies to participants who would like to come through Prague (there are convenient bus and train connections between Prague and Bratislava).

## Social programme

Along with the workshop scientific programme, social activities for participants and their companions will also be organized. There will be a get-together party with wine tasting. An excursion to the Red Stone ('Červený kameň') Castle or a visit to the old city of Trnava (highlighted with an organ concert in a church) is planned too. A barbecue 'session' with folk music will take place in the Castle's courtyard or park, depending on weather. Finally, a workshop dinner will be served.



The workshop venue and its surroundings offer various possibilities how to spend leisure time. One can take a guided tour of the Castle, take a walk in the hilly region of the Castle or a massage can be arranged. Sporting activities like jogging, biking, and playing tennis, ping-pong or billiard are also possible. The programme for accompanying persons will also be organized, but this depends on the number of people interested and will become more specific after registration (June 15). For instance, the cave 'Driny' or Spa Piešťany are exciting places to visit.

## Transport

Most of the participants are supposed to arrive at Bratislava, Slovakia on September 5 in the morning. As the workshop venue is in somewhat remote location, bus transport from Bratislava to Smolenice Castle will be organized on September 5 in the morning. At the end of the Workshop a bus in the opposite direction will also be arranged.

## Important dates (2011)

30 <sup>th</sup> April	preregistration, abstract submittal, travel grant applications
15 <sup>th</sup> May	authors' notification
1 <sup>st</sup> June	preliminary program, travel grant evaluation
15 <sup>th</sup> June	registration, workshop fee payment
31 <sup>st</sup> July	final program, final announcement
5 <sup>th</sup> September	beginning of Workshop (after lunch)
30 <sup>th</sup> September	manuscript submittal

## International scientific committee

M.E. Dębowska (Poland)	F.H.J. Maurer (Sweden)
G. Duplâtre (France)	P.K. Pujari (India)
T. Hirade (Japan)	D.M. Schrader (USA) - Emeritus
Y.C. Jean (USA) - Chair	S.V. Stepanov (Russia)
Zs. Kajcsos (Hungary)	S.J. Wang (China)
Y. Kobayashi (Japan)	

## Organizing committee

- J. Krištiak (chair) – Institute of Physics, SAS, Bratislava  
J. Kuriplach (co-chair) – Dept. of Low Temperature Physics, CU, Prague  
O. Melikhova – Dept. of Low Temperature Physics, CU, Prague  
K. Müllerová – Institute of Technology, SAS, Bratislava  
D. Račko – Polymer Institute, SAS, Bratislava  
B. Sláviková – Institute of Physics, SAS, Bratislava

O. Šauša – Institute of Physics, SAS, Bratislava  
J. Veterníková – Dept. of Nuclear Physics and Technology, STU, Bratislava

A. Zeman – International Atomic Energy Agency, Vienna, Austria

CU = Charles University, SAS = Slovak Academy of Sciences, STU = Slovak Technical University

## Contact

Please visit the Workshop Website to find additional information. Prospective participants are asked to fill up the online preregistration form at the Workshop Website.

The address of the Workshop Organizers is as follows:

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