



Prague

September 2 – 6, 2019

# 15th International Workshop on Slow Positron Beam Techniques and Applications

<https://physics.mff.cuni.cz/kfnt/slopos/>

Prague, September 2 – 6, 2019

## Scope

SLOPOS is a well established international workshop dedicated to variable energy positron beams, related techniques and all aspects of surface science and defect studies using positron beams. The workshop has long term tradition and is being organized with period of three years at various places all over the World.

## Main topics

- positron and positronium beams and related technologies
- pulsed beams and positron traps
- thin films and layered structures
- nano structures
- porous materials
- defect profiling in bulk and layered structures
- surfaces and interfaces
- positronium formation and emission
- positron interaction with atoms and molecules
- many positrons and anti-hydrogen
- theoretical calculations of positron parameters
- digital processing of positron annihilation data
- improvement of experimental techniques

## Important dates

- registration opening: **February 1, 2019**
- abstract submission deadline: **April 30, 2019**
- abstract acceptance notification: **May 15, 2019**
- deadline for early registration: **May 31, 2019**
- paper submission deadline: **September 20, 2019**

## Venue

The workshop will be held in Prague, the capital of the Czech Republic which lies on the banks of Vltava River. Prague is economical, cultural and also scientific centre of the Czech Republic. Prague is UNESCO world heritage historical city containing many outstanding examples of Gothic, High Baroque and Modernist architecture. Unique spirit of Prague connecting its medieval roots with contemporary life is connected with persons as Charles IV, T. Brahe, J. Kepler, B. Bolzano, W.A. Mozart, Ch. Doppler, A. Einstein, F. Kafka, F. Werfel, J. Heyrovský, V. Havel.

The host of the workshop, Charles University (founded in 1348) is one of the oldest and most distinguished universities in Europe. The workshop will be held in the historical building of the Faculty of Mathematics and Physics, Charles University. The building is situated at the [Lesser Town square 2/25, 118 00 Praha 1](#) in the historical centre of Prague in a walking distance from the Prague Castle, Old Town and Charles Bridge. The workshop venue is a high baroque building (so called House for Professed) built in the 17<sup>th</sup> century by the Society of Jesus as the seat of the most important representatives of the Order. The plans of the building elaborated by Italian architects are now preserved in the National Library in Paris. A gem of Prague baroque St. Nicolas Church adjoins the workshop venue.



conference venue



## Registration

Please register if you intend to participate at SLOPOS-15. Registration should be done via web form at the SLOPOS-15 web page

<https://physics.mff.cuni.cz/kfnt/slopos/?page=registration>

After registration you will get SLOPOS-15 ID number and you will receive regular updates of your status by e-mail.

Payment of the registration fee and submission of abstract can be done latter after registration.

## Registration fee

participant	early bird till 31.5. 2019	regular till 31.7. 2019	on site payment
Regular	550 EUR	650 EUR	750 EUR
Student	450 EUR	550 EUR	650 EUR
Commercial	850 EUR	950 EUR	1050 EUR
Accompanying person	350 EUR	450 EUR	550 EUR

Registration fee includes

- admission to all sessions
- proceedings (electronic version and hardcopy)
- lunches & coffee breaks
- welcome reception on September 2, 2019
- excursions on September 3, 4 and 6, 2019
- conference dinner on September 5, 2019

## Abstract submission

Each participant is cordially invited to submit an abstract of intended contribution. Abstract should be prepared using a template provided at SLOPOS-15 web page and submitted by e-mail to the address [slopos-15@mff.cuni.cz](mailto:slopos-15@mff.cuni.cz)

The deadline for abstract submission is **April 30, 2019**.

Please note that there is a limit of one contribution per participant. Notification about abstract acceptance and decision about type of presentation will be sent to each participant till May 15, 2019.

## Local organizing Committee:

Jakub Čížek  
Ivan Procházka  
Oksana Melikhova  
Jan Kuriplach  
František Lukáč  
Petr Hruška  
Tomáš Vlasák



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## Proceedings

The proceedings of SLOPOS-15 will be published in a special volume of *Acta Physica Polonica A* (impact factor IF = 0.86). All conference papers will be peer reviewed.

## Scientific program

The workshop will consist of oral contributions (plenary, invited and regular) in **14 sessions** and a **poster session**. Plenary and invited speakers will be selected in collaboration with the International Advisory Board. A Best Poster Award (open to student participants) will be assigned.

**Laboratory tour** to PAS laboratory in Prague and to accelerators in Řež will be organized on Friday September 6, 2019 afternoon. Please note that number of participants for the laboratory tour is limited to 30. If you are interested in the laboratory tour please register as soon as possible and mark the laboratory tour option in the SLOPOS-15 registration form.

## Social program

- *September 2, 2019*  
**Welcome party** at the restaurant in the historical building Profesní dům, Malá Strana (Lesser town)
- *September 3, 2019*  
**Evening excursion** to the Prague castle
- *September 4, 2019*  
**Excursion** to Kutná hora & castle Žleby
- *September 5, 2019*  
**Conference dinner** in the Břevnov Monastery



*St. Barbara cathedral in Kutná Hora*

## International Advisory Committee:

G. Amarendra (India)	M. Fujinami (Japan)
M.-F. Barthe (France)	R. Krause-Rehberg (Germany)
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