



THIRD CIRCULAR

NUCLEAR PHOTONICS 2018
June 24 – 29, 2018, Brasov, Romania

The 2nd International Conference on Nuclear Photonics will be held June 24 – 29, 2018 in Brasov, Romania. Nuclear Photonics 2018 is the second edition of a biennial series devoted to the pursuit of nuclear science and applications with photons.

The conference is organized by ‘Horia Hulubei’ National Institute of Physics and Nuclear Engineering, Extreme Light Infrastructure – Nuclear Physics and Transilvania University of Brasov.

Scientific Program

The focus of Nuclear Photonics 2018 will be on the following main topics: fundamental nuclear science and spectroscopy, laser–plasma nuclear physics, high intensity laser–plasma interaction, nuclear medicine including radiography and radiotherapy, industrial non–destructive material imaging and evaluation, isotope–specific, nuclear materials detection and management, photon–based hadron beams and applications, photon–based production of rare isotopes, photon–enabled pulsed neutron generation and science, photon–enabled pulsed positron generation and science, nuclear astrophysics and cosmology, gamma–ray science above the giant dipole resonance, strong field QED.

The conference program consists in invited lectures, contributed presentations and posters. The posters will be featured in the exhibition for the whole duration of the conference. Posters of young researchers will participate to the Best Posters awards competition.

The conference will start on Sunday June 24th 2018 and it will finish on Friday June 29th 2018. The final program of the conference and the Book of Abstracts will be posted on the conference web page <http://nuclearphotonics2018.eli-np.ro>.

Conference Venue

The conference will be held in Brasov, a city located in the center of Romania, at about 180 km north of Bucharest. Brasov is an old medieval city boasting of a rich historical heritage. Surrounded on three sides by mountains, it was the perfect place for a medieval settlement. The old city, founded by the Teutonic Knights in 1211, is one of the best–preserved cities in Romania.



The conference venue, ‘Sergiu Chiriacescu’ Auditorium of Transilvania University of Brasov, is located within walking distance of most of the major attraction points of Braşov. Maps with the location of the Auditorium and some of the Brasov hotels are available on the conference web page.

Oral Presentations Guidelines

Presentations will run on a WINDOWS-based computer and have to be compatible with PowerPoint or in PDF format. The official language of the conference is English.

The time slots allocated for the talks include presentation, discussions and change of speaker. Therefore, speakers should prepare their talks with a duration such to allow for questions from the audience. The presentation time slots are as follows:

- invited talks – 25 minutes including 5 minutes for discussions;
- regular oral contributions – 20 minutes including 5 minutes for discussions;
- short oral contributions – 15 minutes including 3 minutes for discussions.

Speakers will be able to upload their presentations on the conference computer from USB devices prior to sessions. The file names should contain the session and presentation identifiers (according to the conference program) followed by the surname of the presenter, e.g. *XX.xx-Surname.ppt* or *XX.xx-Surname.pdf*.

For the morning sessions the presentation files have to be uploaded on the conference computer the day before. For the afternoon sessions the presentation files can be uploaded the same day before 13:30.

Alternatively, authors may send in advance their presentations by email to the address np2018@eli-np.ro.

Poster Presentations Guidelines

Posters should not exceed 120 cm in height and 85 cm in width and have to be written in English. Posters can be on display starting on Monday, June 25th 2018 at 8:00 am. Each poster will be numbered according to the labeling scheme specified in the book of abstracts, and must be placed on the board with the same number. Presenting authors are responsible for the posters for the extent of display. Posters have to be removed from the boards by the authors at the latest on Friday, June 29th 2018 in the morning.

Authors have to present their posters during the poster session scheduled on Tuesday, June 26th 2018. A Poster Selection Committee will evaluate the posters and propose the top-ranked ones for awarding. The awarding ceremony will take place during the conference dinner on Thursday, June 28th 2018.



How to reach Brasov

Brasov can be reached by flying to **Henri Coanda (Otopeni) Bucharest International Airport**. On June 24th 2018 the organizers will provide bus transportation from the Otopeni airport to ELI-NP and subsequently to Brasov.

The buses will depart from the Otopeni airport according to the following timetable: 10:00, 11:30, 13:00, and 14:30. Upon arrival at the airport, participants should look for one of the local organizers who will hold a sign "Nuclear Photonics". The meeting point with the local organizers is in front of the flower shop, on the right side after exiting the sliding doors of the baggage claim area, up to 5 minutes before the scheduled departure of the buses.

On June 24th 2018 transportation to ELI-NP from downtown Bucharest will be provided as well. There will be a bus collecting conference participants from two locations in downtown Bucharest, namely Hotel Sheraton at 12:00 and Hotel IBIS Parliament at 12:30. All participants willing to benefit of this transportation service will have to reach one of the two locations at least 10 minutes before the scheduled departure.

All the buses will display on the windshield a sign with the conference logo.

Participants arriving later on Sunday will be taken directly to Brasov by a bus leaving from the Otopeni airport at 18:00.

On Friday, June 29th 2018, transportation to the Otopeni airport and downtown Bucharest will be organized with the following timetable: 7:00, 11:00, and 15:00, starting from the conference Auditorium.

Alternatively, Brasov can be reached from the airport by using private car transfer companies with on-line reservation or by train from Bucharest railway station. More information can be found on the conference web page.

Visit to ELI – NP

During the first day of the conference, on Sunday, June 24th 2018, a visit to the ELI-NP facility in Magurele (Bucharest) will be organized. The conference organizers will provide transportation from Otopeni airport and downtown Bucharest to Magurele and from Magurele to Brasov, as explained above. Access on the ELI-NP site will be granted based on ID/passport identification of the participants. During the visit, the participants will have the possibility to register for the conference at the specially organized desks. A lunch buffet will be offered by the organizers during the visit.

Social Events

- A welcome cocktail will be organized in the evening of Monday, June 25th 2018 at the conference venue.
- The poster session will be organized in the evening of June 26th 2018 at the conference venue. A dinner buffet will be served during the poster session.
- The Conference Dinner will take place in downtown Brasov on June 28th 2018.
- On June 28th 2018, the conference dinner will be preceded by an organ concert at the Black Church in downtown Brasov. The organizers will provide bus transportation from the conference venue to the Brasov city center for this event.



Contact

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Secretariat

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Detailed information is available on the conference website: <http://nuclearphotonics2018.eli-np.ro>

We are looking forward to seeing you in Brasov!

The Local Organizing Committee