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The abstracts should be uploaded using the conference website:

<http://cppa2017.inflpr.ro>

In exceptional cases, we can accept abstracts submitted via *e-mail* to: cppa2017@infim.ro

The authors who would like to receive the Second Announcement (including the Conference Program) and up-to-date information are kindly invited to register on the conference website.

Organizers

- National Institute for Laser, Plasma and Radiation Physics, Bucharest, Romania (NILPRP)
- “Alexandru Ioan Cuza” University of Iasi, Romania
- Romanian Society of Physics

Sponsoring Organizations

- Ministry of Research, Romania;
- M-ERA.NET network, project PlasmaTex;
- National Institute for Laser, Plasma and Radiation Physics, Romania;
- Romanian Physical Society;
- Others, to be announced.

First Announcement and Call for Papers

17th INTERNATIONAL CONFERENCE ON PLASMA PHYSICS AND APPLICATIONS

&

Workshop on Plasma Coatings for Medical Applications

17th CPPA 2017

June 15-20

Magurele, Bucharest, ROMANIA



Important dates

Date	Event
March 20, 2017	Summary due date
April 17, 2017	Notification of paper acceptance
April 28, 2017	Second Announcement
May 15, 2017	Reduced Registration Fee
June 5, 2017	Final programme
June 15-20, 2017	Conference
July 17, 2017	Manuscript due date

Conference webpage: <http://cppa2017.inflpr.ro>

General Information

The Conference on Plasma Physics and Applications, traditionally organized by the Romanian plasma community, reached its 17th edition. It focuses on the recent advances in plasma fundamentals and applications. This edition will include a special workshop dedicated to biomedical applications of plasmas. The organizers of the 17th edition of CPPA aim to provide excellent conditions for discussion and establishing contacts. Leading scientists are invited to give lectures outlining the latest achievements in their field of research.

Preliminary list of conference topics

1. Fundamental processes in plasmas, modeling and simulation, space plasmas
2. Gas discharge physics and plasma diagnostics
3. Plasma sources and reactors at low and atmospheric pressure, dusty plasma
4. Plasma processing, surface modification, deposition, etching
5. Biological and medical applications of plasmas, plasmas in liquids
6. Application of plasmas in nanoscience and nanotechnology
7. Fusion plasma physics and technology, laser plasmas and their applications

Any contribution on plasma physics and applications is welcomed.

Venue

The Conference will be held in Magurele Campus of Physics which is the main research center in Romania, with 9 research institutes, Physics Faculty of the University of Bucharest, and the National Physics Library. It is located about 12 km from the center of Bucharest, reachable by public transportation.

Accommodation

Accommodation will be available both in Bucharest and Magurele in 2, 3 and 4 stars hotels.

Expected costs are between 40 € and 120 € depending on the room type. A limited number of rooms will be available for students in Magurele campus.

Passport and visa

Citizens having passports from certain countries may need a visa to enter Romania (please check on <http://www.mae.ro/en>). If you need assistance to obtain visa, please contact the Scientific Secretariat or the Local Organizing Committee.

Social Programme

Bucharest is the capital of Romania, a town with an old history and interesting monuments. There are many possibilities for spending your free time in the old city, visiting museums, etc. The Sunday of June 18 is devoted to an excursion out of city and will end with the Conference Dinner. The cost of the excursion is included in the registration fee.

Associated Events

- Workshop on Plasma Coatings for Medical Applications
- Exhibition presenting research achievements and innovations based on plasma technologies developed in Romania and industrial exhibition.
- Visits of the laboratories of National Institute for Laser, Plasma and Radiation Physics.

Registration Fees

	Before May 15	After May 15
Regular	300 €	325 €
Student*	125 €	175 €
Accompanying person**	100 €	

*Students have to give evidence for University registration.

**Includes Welcome reception, excursion & conference dinner.

Programme

The Conference and Workshop will combine:

- *Plenary* sessions with invited and oral presentations
- *Poster* sessions
- *Young scientist's* awards.

Submission of Contributions

Authors are invited to submit their contributions using the online submission system which can be found on the conference webpage.

The abstracts must be written in English, using MS Word; they should contain 1500-3000 characters, including spaces and should not exceed one A4 page.

Use B5 format paper of the page (17.6 cm width x 25 cm height); allow 2.5 cm margins on top and bottom and 2.5 cm margins for left and right. The abstract should be written by using Times New Roman font at single line spacing. Type the **Title** (Times 12, bold, centered) followed by the author's name (Times 10, normal, centered) and their *affiliation, address for communication, fax number, email address* (Times 10, Italic, centered). The presenting author should be underlined. Proceed with the main text (Times, 10, justified left and right). The abstracts should outline the performed work, methodology and results. At the end of abstract, provide a list of 3-5 relevant keywords.

Please suggest a classification of your contribution according to the listed main topics and indicate whether you prefer an oral or a poster presentation.

Only *.doc(x) files should be uploaded.

An abstract template can be downloaded from the conference website.

The deadline for abstracts submission is March 20, 2017. The abstracts will be reviewed by the scientific committee. The presenting author will be notified of acceptance or rejection of his/her abstract around April 17, 2017.

The full manuscripts due date is July 17, 2017. The accepted papers will be published, after referring, in an ISI Journal, to be communicated.

Language

The official language of the Conference is English.