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## Scientific Secretariat

A. Chiper, Iasi  
I. Mihaila, Iasi  
B. Mitu, Bucharest

*The abstracts should be sent via e-mail to:*

[cppa2010@plasma.uaic.ro](mailto:cppa2010@plasma.uaic.ro)

**Contributions submitted by fax or postal mail  
will not be accepted!**

The authors who would like to receive the Second Announcement (including the Conference Program) and up-to-date information are kindly invited to contact the organizers by e-mail.

## Organizers

- "A.I. Cuza University", Iasi, Romania
- National Institute for Laser, Plasma and Radiation Physics, Bucharest, Romania (NILPRP)

## Sponsoring Organizations

- Ministry of Education and Research, Romania
- Others, to be announced

First Announcement and Call for Papers

## **15<sup>th</sup> INTERNATIONAL CONFERENCE ON PLASMA PHYSICS AND APPLICATIONS**

**15<sup>th</sup> CPPA 2010**  
**July 1-4**  
Iasi, Romania



## **Important dates**

February 15, 2010	<b>Summary due date</b>
March 15, 2010	Notification of paper acceptance
April 15, 2010	Application deadline
May 15, 2010	Advanced Registration Fee
June 15, 2010	Final programme
July 1, 2010	Manuscript due date
July 1 -4, 2010	<b>Conference</b>

Conference webpage:

<http://www.plasma.uaic.ro/CPA2010>

## General Information

The Conference on Plasma Physics and Applications, held once two years in Romania, focuses on the recent developments and advances in plasma fundamentals and its applications. It became a traditional event gathering participants from the international plasma community and from Romania. The organizers of 15<sup>th</sup> edition of CPPA will make their best to provide appropriate conditions for discussion and establishing contacts. Leading scientists are invited to give lectures reviewing the latest achievements in their field of research.

### Preliminary list of conference topics

- **Fundamental processes in plasmas, modeling and simulation**
- **Nonlinear phenomena and self-assembled processes in plasmas**
- **Gas discharge physics, plasma sources and reactors at low and atmospheric pressure**
- **Plasma diagnostics**
- **Plasma-surface interactions and plasma processing (deposition and treatment)**
- **Biological applications of plasmas**
- **Application of plasmas in nanoscience and nanotechnology**
- **Fusion plasma physics and technology**
- **Laser plasmas and their applications**

### Venue

The Conference will take place in Iasi which is located in the north-east of Romania and is about 400 km north-east of Bucharest. Iasi can be reached by airplane at Iasi International Airport (via Bucharest with Tarom Airline, via Vienna with Austrian Airline, via Budapest with Malev Airline and via Timisoara or Bucharest with Carpat Air) or by trains and European roads from major cities in Romania.

## Accommodation

Accommodation near the conference centre will be available in 2, 3 and 4 stars hotels (expected costs are between 60 € and 80 €) and in the University Hotels (3 stars equivalent, expected costs are between 30 € and 40 €). All accommodations include breakfast.

A limited number of places in the Student House of “Al. I. Cuza” University will be available for students.

### Passport and visa

Citizens having passport from certain countries may need a visa to enter Romania. If you need assistance to obtain visa, please contact the Scientific Secretariat or the Local Organizing Committee.

### Social Programme

De ales una din cele 3 variante de excursie:

1. Manastirile din Nordul Moldovei
2. Manastirile din Vestul Moldovei + Cheile Bicazului
3. Cheile Bicazului + Durau

### Registration Fees

	Before May 15	After May 15
Regular	200 €	250 €
Student*	80 €	100 €
Accompanying person**	80 €	

\*Students have to give evidence for University registration.

\*\*Includes Welcome reception, excursion & conference dinner.

## Programme

The Conference will combine:

- *Plenary* sessions with invited and oral presentations
- *Poster* sessions

### Elaboration of Contributions

Authors are invited to submit by email in MS Word abstracts of 200-500 words – not exceeding one A4 page.

Use A4 format paper of the page (29.7 cm width x 21 cm height); allow 2.5 cm margins on top and bottom, and 3.5 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 14, bold, centered) followed by one empty line, the **authors name** (Times 12, normal, centered) and their *affiliation, address for communication, fax number, email address* (Times 11, Italic, centered). The presenting author should be underlined. Leave two empty lines and proceed with the main text (Times, 11, justified left and right).

The abstracts should outline the performed work, methodology and results. Please suggest a classification of your contribution according to the listed main topics. All abstracts must be supplied in English.

**The deadline for abstracts submission is February 15, 2010.** The abstracts will be reviewed by the scientific committee. The corresponding author will be notified of acceptance or rejection of the abstract around March 15, 2010.

**The full manuscripts due date is July 1, 2010.** The accepted papers will be published in a Journal with ISI quotation (preliminary discussions are in progress).

### Language

The official language of the Conference is English.