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

Bogdana Mitu: mitub@infim.ro or: cppa2007@infim.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 filling and sending the **Form A** available on the conference website.

Organizers

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

Sponsoring Organizations

- Ministry of Education and Research, Romania
- Journal "Plasma Processes and Polymers", Wiley VCH
- Others, to be announced

First Announcement and Call for Papers

14th INTERNATIONAL CONFERENCE ON PLASMA PHYSICS AND APPLICATIONS

14th CPPA 2007
September 14-18
Brasov, Romania



Important dates

Date	Event
May 15, 2007	Summary due date
June 15, 2007	Notification of paper acceptance
July 15, 2007	Application deadline
July 30, 2007	Advanced Registration Fee
August 15, 2007	Final programme
September 14, 2007	Manuscript due date
September 14 -18, 2007	Conference

Conference webpage: <http://cppa2007.inflpr.ro>

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 14th edition of CPPA will make their best to provide perfect 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 Brasov which is located in the centre of Romania and is about 180 km north of Bucharest. It takes about 3 hours drive to Brasov from Bucharest International Airport. Brasov can also be reached by frequent intercity 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

30 € and 80 € depending on the room types. All accommodations include breakfast.

A limited number of places in the Student House of University “Transilvania” Brasov 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

Brasov is a town with an old history, surrounded by a tourist area in the heart of the Carpathians Mountains. There are many possibilities for sightseeing, climbing, etc. The Sunday of September 16 is devoted to visit of the “Peles” Royal Palace in Sinaia and the Bran castle, known as Dracula castle. The excursion cost is included in the registration fee.

Associated Events

- Management Committee Meeting and Workgroup Meeting of COST action P17 “Electromagnetic Processing of Materials” (12-13 September)
- Information Day on COST-ESF / FP7 European scientific research programs
- Meeting of the board members of the journal “Plasma Processes and Polymers”, Wiley VCH

Registration Fees

	Before July 15	After July 15
Regular	200 €	250 €
Student*	100 €	120 €
Accompanying person**	100 €	

*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
- *Young scientist's* awards.

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 May 15, 2007. The abstracts will be reviewed by the scientific committee. The corresponding author will be notified of acceptance or rejection of the abstract around June 15, 2007.

The full manuscripts due date is September 14, 2007. The accepted papers will be published in Journal of Optoelectronics and Advanced Materials (impact factor 2005: 1.138).

Language

The official language of the Conference is English.