

18th INTERNATIONAL CONFERENCE ON PLASMA PHYSICS AND APPLICATIONS CPPA 2019

20th – 22nd June 2019
Iași, Romania

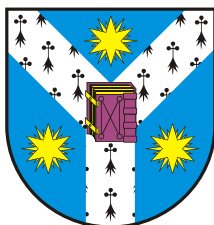


First Announcement

www.plasma.uaic.ro/cppa2019

The Conference on Plasma Physics and Applications, traditionally organized by the Romanian plasma community, reaches its 18th edition. Traditionally, the conference is organized by the **National Institute for Laser, Plasma and Radiation Physics, Bucharest (INFLPR)** and **Alexandru Ioan Cuza University of Iași (UAIC)**. The Conference focuses on the recent advances in plasma fundamentals and applications with the goal to provide excellent conditions for discussion and establishing scientific contacts. Leading plasma scientists are invited to give lectures outlining the latest achievements in their field of research.

Organizers



**Alexandru Ioan Cuza
University of Iași**



**National Institute for Laser,
Plasma and Radiation Physics,
Bucharest**



**The Romanian Academy,
Iași Branch**

Conference Venue

The 18th CPPA will be held in Iași, Romania, from 20 to 22 June 2019. The conference venue is Alexandru Ioan Cuza University of Iași (<http://www.uaic.ro/>), which is the oldest higher education institution in modern Romania. Since 1860, the University has been carrying on a tradition of excellence and innovation in the fields of education and research. With over 23.000 students and 700 academic staff, the University enjoys high prestige at national and international level and cooperates with 481 universities worldwide.

Travel

Iași is situated in the northeast of Romania. It is about 400 km from Bucharest, the capital of Romania and about 25 km from the border with the Republic of Moldova.

By plane: Iași city airport is only about 7.5 km from the conference venue and it is linked to several major airports: Bucharest, Cluj Napoca, Timisoara (Romania), Vienna (Austria), Brussels (Belgium), Larnaca (Cyprus), Billund (Denmark), Roma, Bologna, Bergamo, Torino (Italy), Tel Aviv (Israel), Paris (France), Munich, Dortmund (Germany), Thessaloniki (Greece), Eindhoven (The Netherlands), Barcelona (Spain), London, Liverpool (UK), (<https://www.aeroport-iasi.ro/#flights-table>).

By train: Iași is connected by train to all major cities in Romania. The train station is about 1.5 km from the conference venue.

By Bus: The bus station is near the train station. Iași is connected by bus to all major cities in Romania (<http://www.autogari.ro/?lang=en>).

Conference Topics

CPPA covers a wide range of topics on plasma physics, exploring both the fundamentals and the applications.

1. **Fundamental processes in plasmas, modelling and simulation**
2. **Plasma diagnostics. Gas discharge physics, dusty plasma, plasma sources and reactors at low and atmospheric pressure. Laser plasmas**
3. **Plasma material processing. Surface treatments, thin film deposition, plasma assisted nano-fabrication techniques**
4. **Plasma Chemistry. Plasma applications in environment management, biology, medicine and agriculture**
5. **Fusion plasma physics and technology**

Committees

CONFERENCE CHAIRS

Gheorghe DINESCU
Lucel SIRGHI

INFLPR, Bucharest
UAIC, Iași

HONORARY CHAIR

Gheorghe POPA

UAIC, Iași

INTERNATIONAL SCIENTIFIC COMMITTEE

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F. SPINEANU, Bucharest, Romania

LOCAL ORGANIZING COMMITTEE (LOC)

Scientific Secretaries

C. COSTIN	UAIC, Iași
B. MITU	INFLPR, Bucharest

LOC Members

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C. GERBER, UAIC, Iași	S. VIZIREANU, INFLPR, Bucharest
A. LAZEA-STOYANOVA, INFLPR, Bucharest	R. VLADOIU, Ovidius University, Constanta
D. LUCA, UAIC, Iași	G. VOITCU, INFLPR-ISS, Bucharest

Important Dates

April 15, 2019	Abstract deadline
May 15, 2019	Notification of paper acceptance
May 20, 2019	Early Registration Fee
June 10, 2019	Final programme
June 20-22, 2019	Conference

Registration fees

	Early registration Before May 20, 2019	Late registration After May 20, 2019
Regular	225 EUR (1080 Ron)	250 EUR (1200 Ron)
Student*	125 EUR (600 Ron)	150 EUR (720 Ron)
Accompanying person**	100 EUR (480 Ron)	125 EUR (600 Ron)

*Students have to give evidence for University registration.

**Includes Welcome reception, excursion & conference dinner.

Abstract submission

Authors are invited to submit their contributions by e-mail to: cppa2019@uaic.ro

Abstracts should:

- outline the performed work, methodology and results
- be written in English, using MS Word or LaTeX and should not exceed one page
- be sent as *.doc, *.docx or *.tex file.

Abstract templates (MS Word or LaTeX) can be downloaded from the conference website.

The deadline for abstracts submission is April 15, 2019. The abstracts will be reviewed by the scientific committee and the corresponding author will be notified of acceptance or rejection of the abstract before May 15, 2019.

Language

The official language of the Conference is English.

Contact

Local Organizing Committee:

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