



ESCAMPIG 2020

PARIS

July 15-18, 2020

Europhysics Conference on the Atomic and Molecular Physics of Ionized Gases

Welcome to ESCAMPIG 2020

Conference organization

International Scientific Committee

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Local Organizing Committee

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University Paris-Saclay
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PARIS

PARIS is the capital of France, said “*ville lumière*”, and the 25th edition of ESCAMPIG will be held in *Quartier Latin* – ENSCP (5th district). The welcome cocktail is organized July 14, 4 p.m. - the Bastille day.

Venue

The conference will be held in PARIS at ENSCP
11 Rue Pierre et Marie Curie, 75005 Paris.

Contact

escampig2020@sciencesconf.org

General information

The Europhysics Conference on the Atomic and Molecular Physics of Ionized Gases - ESCAMPIG - is an international conference being celebrated since 1973. It is now a biennial conference of the European Physical Society (EPS). The wide variety of conference topics cover a large area from basic to applied plasma science, from atomic and molecular processes in plasmas to plasma- surface interaction, including self-organization and new trends in plasma diagnostic and research using low and high pressure plasma sources.

The working language of the conference will be English and, consequently, all the conference oral presentations and the written material will be given in English. According to the tradition of this conference, all activities and events will take place under one roof to help the scientific communication.

The social event will be a guided tour to one among several modern art museums in Paris like Musée d'Orsay, Musée Picasso, Musée de l'Orangerie. Musée Rodin.

The International Scientific Committee and the Local Organizing Committee cordially invite you to attend the conference in PARIS and to submit an abstract on your latest scientific achievements.

Conference topics

1. Atomic and molecular processes in plasmas
2. Transport phenomena, particle velocity distribution function
3. Physical basis of plasma chemistry
4. Plasma surface interaction (boundary layers, sheaths, surface processes)
5. Plasma diagnostics
6. Plasma and discharges theory and simulation
7. Self-organization in plasmas, dusty plasmas
8. Upper atmospheric plasmas and space plasmas
9. Low pressure plasma sources
10. High pressure plasma sources
11. Plasma and gas flows
12. Laser produced plasmas

<https://escampig2020.sciencesconf.org>

How to reach PARIS

PARIS is easily reached by airplane (Charles de Gaulle - CDG and ORLY - ORY airports). Direct connection by Rapid Express Train (RER- line B) take about 35 minutes to reach Luxemburg RER Station. Air France Bus shuttle connect airports to Paris as well. You can also reach Paris by train (7 main stations), bus and car.

Registration fees

This fee covers the welcome cocktail, the full access to the conference, the abstract booklet, the social event, the conference dinner, the lunches and the coffee breaks. A fee reduction will be applied to EPS members and PhD students. A limited number of grants will be available for students.

	Early	Regular	Late
EPS Members	460€	460€	500€
Regular participants	460€	490€	540€
Students	325€	350€	400€
Accompanying Persons / person	150€	150€	150€

William Crookes Prize

ESCAMPIG awards the William Crookes prize to a mid-career researcher who has been recognized to have made major contributions on the scientific topics covered by the ESCAMPIG. The ISC is seeking nominations for the prize.

Important deadlines

- early registration (save ~10%!) before December 31st, 2019
- abstract submission start : December 1st, 2019
- abstract **submission** deadline : **March 1st, 2020**
- regular **registration** deadline : **April 30, 2020**
- late registration (+ 10%) : until the end of the conference

Conference format

The Conference includes plenary invited general and topical lectures, poster sessions, and workshops. Relevant contributed papers covering recent advances in the field will be selected by the International Scientific Committee and authors will be asked to give a short (hot-topic) oral presentation.

Confirmed invited speakers

Pedro ALMEIDA (Portugal)	Juergen MEICHSNER (Germany)
Christine CHARLES (Australia)	Eryk NEYTS (Belgium)
Claudiu COSTIN (Romania)	Helena NOWAKOWSKA (Poland)
Bert ELLINGBOE (Ireland)	Lucia Daniela PIETANZA (Italy)
Ursel FANTZ (Germany)	Jorge PISONERO (Spain)
Peter HARTMANN (Hungary)	Nikolay POPOV (Russia)
Eva KOVACEVIC (France)	Natalie TARASENKA (Belarus)
Guillaume LOMBARDI (France)	

Workshops

- Micro-plasma in liquids
- E x B plasmas

Abstract submission

The abstracts of the contributions to the conference should be submitted following the guidelines and the template file that will be soon available in the conference website. All contributed papers will be refereed by the International Scientific Committee.

Conference abstracts

All contributions will be published as proceedings in a conference abstract booklet by EPS (Europhysics Conference Abstracts). The invited, topical lectures and 'hot topics' will be published as regular papers in a special issue of the Plasma Sources Science and Technology (PSST – IoP Journal).

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