

# ESCAMPIG 2018 July 17-21, 2018

24<sup>th</sup> Europhysics Conference on Atomic and Molecular Physics of Ionized Gases



## General Information

ESCAMPIG is a biennial international conference of the European Physical Society, focusing on basic and applied plasma physics research. This year the conference will be hosted by the University of Glasgow, on behalf of a consortium of UK plasma research institutes. The conference will consist of a mixture of invited talks covering general and topical themes, interactive workshops and posters.



## Conference topics:

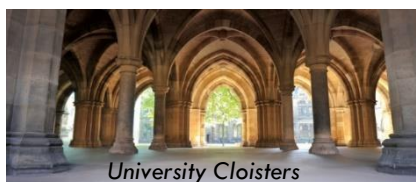
1. Atomic and molecular processes in plasmas	2. Transport phenomena; kinetic distributions
3. Physical basis of plasma chemistry	4. Plasma surface interactions
5. Plasma diagnostics	6. Plasma discharges: theory and simulation
7. Self-organisation in plasmas, dusty plasmas	8. Upper atmospheric plasmas and space plasmas
9. Low pressure plasma sources	10. High pressure plasma sources
11. Plasmas and gas flows	12. Laser-produced plasmas

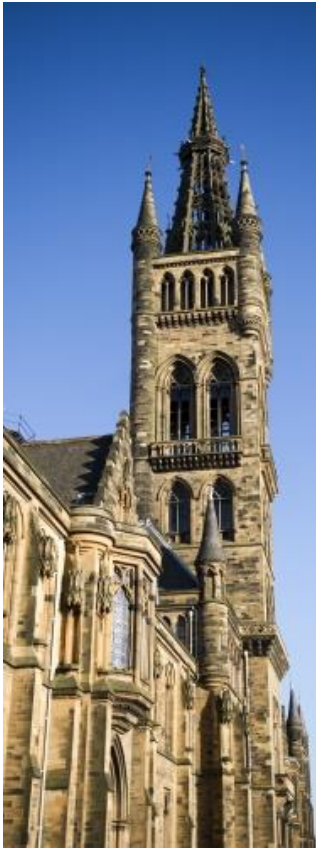
## Speakers:

General Invited Lecture	Topical Invited Lecture	Hot Topic Lecture
Nickolay Aleksandrov (Russia)	Aranka Derzsi (Hungary)	Gabi Daniel Stancu (France)
Anne Bourdon (France)	Thomas Gries (France)	Dmitry Fursa (Australia)
Ralf-Peter Brinkmann (Germany)	Mario Merino (Spain)	Ana Sofia Morillo Candas (France)
Giorgio Dilecce (Italy)	Zdenek Navratil (Czech Republic)	Zoltan Donko (Hungary)
Gheorghe Dinescu (Romania)	Anton Nikiforov (Belgium)	Augustin Tibère-Inglesse (France)
Zoran Petrovic (Serbia)	Tiago Silva (Portugal)	Craig Stark (United Kingdom)
Ryo Ono (Japan)	Ana Sobota (The Netherlands)	Alexandra Brisset (France)
Deborah O'Connell* (United Kingdom)	James Walsh (United Kingdom)	Florian Sigeneger (Germany)
LOC Invited Speaker: Walter Gekelman (USA)		

\* denotes William Crookes Prize Winner

Registration closes July 9<sup>th</sup> 2018 Registration Fees: student £290; full fee £425; accompanying other £100





**Venue:** The conference will be hosted on the wonderful campus of the University of Glasgow, in the city's dynamic West End. There is a wide choice of accommodation of all types available via the conference web pages, and offered by the accommodation booking service of the City of Glasgow Conference Bureau. The welcome reception will be held in the magnificent City Chambers, and the conference dinner in the spectacular Glasgow Science Centre on the River Clyde, with planetarium shows for all delegates.

The city of Glasgow is a beautiful, vibrant cultural venue, with a wide variety of museums, concert halls, theatres and restaurants, and a lively night time culture. There will be a choice of two excursions: one to Loch Lomond, and one to Stirling Castle.



Conference Format

	Tues 17/7	Wed 18/7	Thu 19/7	Fri 20/7	Sat 21/7
AM		Oral	Oral	Oral	Oral
		coffee	coffee	coffee	coffee
		Oral	Oral	Oral	Oral
		Lunch	Lunch	Lunch	Lunch
PM	Registration	Poster 1	Excursion	Poster 2	Close
		coffee		coffee	
		Workshop 1		Workshop 2	
evening	Reception			Conf Dinner	

### Activities

Workshops: 1. Plasmas in Multiphase media, and 2. Plasmas and living systems. An additional workshop on Plasma Simulation is hosted by Tech-X. The main library at Glasgow will mount a display of rare books on relevant topics from its special collections, and the University Bookshop will offer discounts to delegates on thematically related books.

### Transport:

By air: Glasgow International Airport is a short taxi ride away from the University Campus; the airport bus offers a fast connection to the city centre, from where the underground system offers fast connection to the West End. Edinburgh International Airport is only 45 minutes away by road from Glasgow city centre. There are extensive rail and bus links to Glasgow across the UK mainland. Additional information is available at <https://www.gla.ac.uk/explore/maps/how-together/>

International Scientific Committee	Local Organising Committee
Carlos D. Pintassilgo (Chair), Portugal	Declan Diver (Chair, University of Glasgow)
Ronny Brandenburg, Germany	Alasdair Wilson (University of Glasgow)
Nikolay Dyatko, Russia	Kyle Martin (University of Glasgow)
Richard Engeln, Netherlands	Nick Braithwaite (The Open University)
František Krčma, Czech Rep.	Mark Bowden (Liverpool University)
Savino Longo, Italy	Timo Gans (University of York)
Kinga Kutasi, Hungary	Bill Graham (Queen's University, Belfast)
Tiberiu Minea, France	Kirsty McKay (University of Liverpool)
Bogdana Mitu, Romania	Paul Maguire (Ulster University)
Nevena Puač, Serbia	Deborah O'Connell (University of York)
Isabel Tanarro, Spain	Abraham Ogwu (University of the West of Scotland)
Erik Wagenaars, United Kingdom	Alan Phelps (Strathclyde University)
	Craig Stark (Abertay University)