



INTERNATIONAL CONFERENCE ON PHENOMENA IN IONIZED GASES



XXXIII EDITION

INTERNATIONAL CONFERENCE ON PHENOMENA IN IONIZED GASES

JULY 9-14 2017

ESTORIL/LISBON, PORTUGAL ESTORIL CONGRESS CENTRE

NEW CONFERENCE FORMAT

General lectures • Topical Lectures • Oral contributions • Poster contributions • Special session

CONFERENCE TOPICS

Fundamentals

Elementary processes and fundamental data
Thermodynamics and transport phenomena
Plasma wall interactions, electrode and solid/liquid surface effects
Collective and nonlinear phenomena

Applications

Plasma processing of surfaces and particles
High pressure and thermal plasma processing
Plasma lamps and radiation sources
Medical, biological, environmental and aeronautical applications
Plasma power and pulsed power technology, particle sources

Modelling, Simulation and Diagnostics

Modeling and simulation techniques
Plasma diagnostic methods

Plasma Sources and Discharge Regimes

Astrophysical, geophysical and other natural plasmas
Low pressure plasmas
High frequency discharges
Non-equilibrium plasmas and microplasmas at high pressures
Thermal plasmas
Complex and dusty plasmas, ion-ion and mixed phase plasmas
Plasma created by external sources of ionization

LOCAL ORGANIZING COMMITTEE

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IMPORTANT DEADLINES

March 3, 2017	April 3, 2017	May 5, 2017
Abstract submission	Abstract acceptance notification	Early registration

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