

XXXIII International Conference on Phenomena in Ionized Gases

9-14 July 2017, Estoril / Lisbon, Portugal

POSTER SESSION I, MONDAY JULY 10, 14H-16H

Topics in this session:

Modelling and simulation techniques

Thermodynamics and transport phenomena

Plasma diagnostic methods

Plasma lamps and radiation sources

Plasma created by external sources of ionization

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PI.3	19	Satoshi Uchida, Taketo Yoshida and Fumiyoshi Tochikubo	Molecular Dynamics Simulation of Reaction Mechanism between Reactive Oxygen Species and Membrane Lipid Molecules in Moisture
PI.4	24	Seyedeh Mahnaz Modir Khazeni and Juan Pablo Trelles	Coarse-Grained Simulation Method for Turbulent Nonequilibrium Plasma
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PI.9	41	Karl Felix Luskow, Stefan Kemnitz, Gunnar Bandelow, Julia Duras, Daniel Kahmfeld, Paul Matthias, Ralf Schneider and Detlev Konigorski	Reduction of heat-fluxes during re-entry using magnetic fields
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