

August 29 - September 4 2021

Morning -> Lectures

Philippe Savoini

Introduction to plasma physic

Stéphane Carniato

Spectroscopies : foundations and applications for diagnostic

Francesco Califano (part I)

Introduction to plasma physics : Waves and instabilities in Plasma

Olivier Guaitella

Non thermal plasma at atmospheric pressure : example of DBD and corona discharge

Francesco Califano (part II)

Introduction to plasma physics : Waves and instabilities in Plasma

Stephan Zurbach

Frontiers of Plasmas-Enhanced Propulsion

Laurence Rezeau

Astrophysical Plasmas

Jean-Paul Booth

101 uses of Cold Plasmas: from smartphones to space travel

Mickaël Grech

Laser driven inertial fusion : Principles & Applications

Pierre Morel

Plasma for energy and fusion

Afternoon -> Hands-on activities

Planeterella -> Pierre Henri

Plasma Speaker -> Olivier Guaitella

Plasma discharge -> Christophe Prigent

Numerical simulations -> Ph. Savoini/Pierre Morel