

10th International Workshop on Radiation of High Temperature Gases for Space Missions

Tuesday 10 September 2024

Plasma facilities, simulations and diagnostics - Oxford e-Research Centre (09:00 - 10:40)

time	[id] title	presenter
09:00	[143] A Tightly Coupled Numerical Framework for Hypersonic Material Testing in ICP Environments	Mr KUMAR, Sanjeev
09:25	[142] Development of a Computational Framework for Hypersonics and Plasma Discharges	MUNAFO, Alessandro
09:50	[140] An overview of the VKI Plasmatron testing envelope through Optical Emission Spectroscopy	ANFUSO, Enrico
10:15	[180] Spectral Analysis of High-Enthalpy Flows for Earth & Mars Atmospheric Entry Testing	HERDRICH, Georg

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-Conveners: Brett Cruden

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09:00	[167] Investigation of Slug Calorimeter Heat Flux Measurements in the Plasmatron X Wind Tunnel	FRANCO, Massimo
09:25	[164] Evaluation of free stream acoustic noise in a shock tunnel using focused laser differential interferometry	PONCHIO CAMILLO, Giannino
09:50	[171] New plasma technique for bulk viscosity and sound velocity measurements	COURRET, Gilles
10:15	[150] Investigation of Radiative Heating in Hydrogen-Helium Plasma Wind Tunnel Flows	STEUER, David