



# 9th International Workshop on Radiation of High Temperature Gases for Space Missions

## Tuesday, 13 September 2022

### Measurement Techniques - Auditório (16:05 - 17:40)

time	[id] title	presenter
16:20	[75] Spectroscopic Signatures of Common Spacecraft Materials under Representative LEO Re-Entry Trajectories	LEISER, David
16:45	[80] CHARACTERISATION OF A SPATIALLY RESOLVED VUV SPECTROSCOPY SYSTEM FOR SHOCK TUBE FLOWS	BUQUET, Maïlys
17:10	[96] An investigation into the role of the chemical models in the enthalpy rebuilding procedure of Inductively Coupled Plasma facilities through sample-based Sobol' indices	ANFUSO, Enrico

# Friday, 16 September 2022

## Measurement Techniques: Measurement techniques - Auditório (11:00 - 13:00)

time	[id] title	presenter
11:00	[73] ADVANCES IN THE EXPERIMENTAL SPECTRAL EMISSIVITY DETERMINATION BY DUAL-COLOUR PYROMETERS IN MATERIALS FOR SPACE VEHICLES TPS APPLICATIONS IN ATMOSPHERIC RE-ENTRY	PURPURA, Carlo
11:25	[90] Volumetric investigation of plasma radiation by means of light field deconvolution	EBERHART, Martin Dr LOEHLE, Stefan
11:50	[101] Characterization of an air-xenon operated electric thruster plume through optical emission spectroscopy	BARISELLI, Federico
12:15	[113] REFLECTOMETRY DIAGNOSTICS FOR ATMOSPHERIC ENTRY	FERREIRA, Ricardo
12:40	[77] EMISSION SPECTROSCOPY OF LOW DENSITY AIR SHOCK TUBE FLOWS ABOVE 10 KM/S	HERMANN, Tobias