

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

Tuesday, 13 September 2022

Numerical Simulations - Auditório (09:00 - 10:15)

-Conveners: Louis Walpot; Christian Mundt

time	[id] title	presenter
09:00	[98] Simulation of radiating non-equilibrium flows during atmospheric entries using a gas kinetic simulation code	BEYER, Julian
09:25	[115] Assessment of CFD Capabilities of Various In-House Solvers for Modeling Argon Plasma MHD Experiments	SHARMA, Vatsalya
09:50	[78] Numerical investigation of hypersonic aerothermodynamics over a double-cone	Dr NINNI, Davide

Wednesday, 14 September 2022

Numerical Simulations - Auditório (11:00 - 12:55)

time	[id] title	presenter
11:00	[87] Coupling of Radiation and Spallation of Carbon Ablators in a Plasma Wind Tunnel	GRIGAT, Felix
11:20	[100] Non-equilibrium modeling of inductively coupled plasma discharges	Mr KUMAR, Sanjeev
11:40	[102] Multi-Fidelity Modeling Framework for High-Temperature Gas Radiation	JO, Sung Min
12:00	[129] State to state dissociation rates of H ₂ by collision with H and He using the QCT method	Dr VARGAS, Joao
12:20	[130] Modelling of hot plumes with particles for improved launcher applications	HOARAU, Yannick