

40th International Workshop on High Energy Density Physics with Intense Ion and Laser Beams

Thursday 30 January 2020

Modelling HED Physics (17:00-19:10)

-Conveners: Antonio Roberto Piriz

time	[id] title	presenter
17:00	[39] The problem of radiation reaction in intense laser fields	Prof. RUHL, Hartmut
17:30	[55] Two-dimensional energy and carrier diffusion in silicon upon X-ray irradiation or swift heavy ion impact	Dr LIPP, Vladimir
17:55	[38] Equation of state for vanadium at high energy densities	Dr KHISHCHENKO, Konstantin
18:20	[47] Quantum statistical operator approach to optical properties of metallic and classical plasmas	Dr VEYSMAN, Mikhail
18:45	[53] Ionization in high-density plasmas: an ab initio study for carbon at Gbar pressures	Prof. ROEPKE, Gerd