

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

Wednesday 29 January 2020

Poster Session (17:00-18:35)

time	[id] title	presenter
17:00	[11] Non-equilibrium effects on the yield of D3He and DT reaction	Mr YAN, Zixiang
17:05	[10] Effects of non-paraxial off-axis focussing in high-energy laser systems on the reliability of phase retrieval algorithms	OHLAND, Jonas Benjamin
17:10	[13] Wake-field formation by high power microwave interaction with plasma	Prof. KRASIK, Yakov
17:15	[21] The GSI and FAIR laser cooling activities	KLAMMES, Sebastian
17:20	[23] Development of a new ultra-high contrast module at PHELIX	ZOBUS, Yannik
17:25	[33] Study of gamma-rays produced by intense laser interactions with low density foams using nuclear diagnostic	Ms TAVANA, Parysatis
17:30	[42] The formation of shock waves during explosive processes at the cathode	Prof. MAIOROV, Sergey
17:35	[44] Physical processes in condensed and hollow optical fibers under laser action	Dr EFREMOV, Vladimir
17:40	[28] New findings on laser electron acceleration and enhanced multi MeV high intense γ -ray generation at moderate laser intensities	Dr GÜNTHER, Marc
17:45	[29] Hematite phase diagram under laser shock compression	AMOURETTI, Alexis
17:50	[40] Ab initio methods for modelling and simulation of warm dense hydrogen: how to get beyond Born-Oppenheimer approximation?	Mr FEDOROV, Ilya
17:55	[52] Proton-11Boron Fusion Revisited	FENG, Jianhua
18:00	[62] Nanosecond laser driven x-ray backlighter for diagnostic applications at the HHT-cave	Dr NEUMAYER, Paul
18:05	[73] Charge Transfer Measurement of Laser-Accelerated Carbon Ions in Dense Ionized Matter	REN, Jieru
18:10	[66] A SPIDER for an improved laser-plasma back-reflection module at PHELIX	Mr RÖDER, Simon
18:15	[71] Measurement of the compressibility and temperature of shock compressed monocrystalline silicon up to 500 GPa	Dr NIKOLAEV, Dmitry
18:20	[58] Amplification of a surface electromagnetic wave by a running over plasma surface ultrarelativistic electron bunch as a new scheme for generation of Terahertz radiation	Dr SADYKOVA, Saltanat
18:25	[51] Charged particle detector for Breit-Wheeler pair-production experiments	Dr KHAGHANI, Dimitri
18:30	[77] Phase transition-like anomalies in spatial distribution for strongly non-ideal ionic systems in traps	Prof. IOSILEVSKIY, Igor