

Poster session: Monday, July 11th, 2016, 15:30 – 16:50 in the Foyer of the KBW

Posters should have orientation 'Portrait' and a maximum size of A0 ≈ 119 cm x 84 cm.

The poster stands to hang up your posters should be available from around noon or a bit earlier.

List of Poster Contributions

Participant	Poster
ANANYEV, Sergey	Determination of the Parameters of the Hot Plasma Formed during the Implosion of Wire Arrays from Time Resolved X-ray Spectra of H- and He-like Ions
BASHIR, Shazia	To be defined
BRABETZ, Christian	Pre-amplifier upgrade and beam quality control at PHELIX
CAO, Leifeng	Recent progress of x-ray single-order diffraction grating for plasma diagnostic
CHIGVINTSEV, Alexander	Anomalous isostructural crystal-crystal and crystal-fluid phase transitions in modified Coulomb model
CSERNAI, Laszlo	To be defined
DEPERT, Oliver	To be defined
DEUTSCH, Claude	Two-body and three-body mesonic bound states in WDM target plasmas
EFREMOV, Vladimir	Hydrodynamics of silicon dioxide destruction under laser action
ENDRES, Michael	A light-gas driver for studies on dynamic matter properties with PRIOR
GOPAL, Amrutha	Ultra-strong magnetic field generation during high-power laser solid interaction
GUNST, Johannes	Mo isomer triggering with the XFEL - direct and plasma-mediated channels
GURLUI, Silviu	Space-and-time-resolved spectroscopy of transitory laser ablation

	plasma
HORNUNG, Johannes	Development of a FROG for time-resolved characterization of relativistic laser-plasma interactions
KALAL, Milan	New Features in Complex Interferometry Diagnostics
KANTSYREV, Alexej	High-energy proton microscopy for investigation of extreme state of matter
KHISHCHENKO, Konstantin	On possible investigations of thermodynamic properties and phase transformations of materials at FAIR
KOTZIAS, Bernhard	Fragmentation of Hydrogen - LASER Experiment
MEISTER, Claudia-Veronika	<ol style="list-style-type: none"> 1. Influence of the ion structure on force-force correlation functions of warm dense matter 2. Magnetohydrodynamic formulae for density, pressure, velocity, and magnetic field jumps in a perpendicular shock wave of an ideal plasma
MOCHALOVA, Valentina	Experimental investigation of shock wave compression of heterogeneous anisotropic materials for experiments at PRIOR
POPOV, Vyacheslev	Self-injection and laser wakefield acceleration of electrons in aluminum plasma with the processes of optical field ionization
RÖPKE, Gerd	<ol style="list-style-type: none"> 1. Plasma Spectral Line Profile in an Open Quantum System Approach 2. Transport Properties of Warm Dense Matter: T Matrix Effects
SCHÖNLEIN, Andreas	Generation of Warm Dense matter by Isochoric Heating of a Ti-wire
SHILKIN, Nikolay	Target chambers for high energy density and high explosive experiments
SHUTKO, Yulia	Beam Induced Fluorescence (BIF) Profile Monitor Development for High Current Heavy Ion Beam
STROEV, Nikita	Non-congruent phase transition in modified Coulomb model of the binary ionic mixture
SUGITA, Kei	Alternative High Field sc Magnets for a Final Focusing System with Large Aperture High Gradient Quadrupoles
WAGNER, Florian	Optimizing laser driven ion sources for applications at FAIR
WIECHULA, Jörg	Construction, characterization and optimization of a plasma window

	based on a cascade arc design for FAIR
WU, Dong	Monte-Carlo approach to calculate the ionization of warm dense matter within particle-in-cell simulations
WU, Yuanbin,	Nuclear reactions of astrophysical interest in laser plasmas
ZHAO, Yongtao	Energy loss and wakefield modulation of ion beam in plasma