



# International EMMI Workshop on Plasma Physics at FAIR, GSI Darmstadt, June 21 - 23, 2017

## Wednesday, June 21, 2017

### Poster Session with Coffee break - Nebenraum Kantine (4:00 PM - 5:45 PM)

[id] title	presenter	board
[54] Synchrotron radiation of polarized electron beams in laser wake field acceleration	Ms PUGACHEVA, Daria	
[42] Investigation of Shock Wave Properties of Porous Materials for Experiments at PRIOR	Mrs ZUBAREVA, Alla	
[22] Gamma ray bursts from relativistic laser plasma interaction with solids	Prof. SAVEL'EV, Andrey	
[43] Electron acceleration in the interaction of intense laser pulses with sharp plasma density profile	Dr PUGACHEV, Leonid	
[24] Line-imaging VISAR System for Laser-Driven Experiments	Dr GUBSKIY, Konstantin	
[25] Ultra-high energy density physics in aligned nanowire arrays	Mr KAYMAK, Vural	
[26] Stability of nano and microdiamonds to the action of heavy ions. Thermophysical properties of micro and nanodiamonds at the heating	Ms ZAKATILOVA, Ekaterina	
[27] Volume laser destruction in the silica	Dr EFREMOV, Vladimir	
[20] Model of swift heavy ion tracks excitation		
[21] A light-gas driver for studies on material properties with PRIOR	ENDRES, Michael	
[48] Remagnetization of PMQ lenses for PRIOR and PUMA proton microscopes	Mr PANYUSHKIN, Vsevolod	
[44] Development of a diagnostic for ultra-intense laser plasma experiments based on frequency resolved optical gating	HORNUNG, Johannes	
[45] THE INSTABILITY OF SHEAR VORTEX WAVES IN A VISCOELASTIC DUSTY PLASMA SYSTEMS: BY LOCAL APPROXIMATION METHODE	Dr MAHDAVIGHARAVI, Marjan	
[41] Numerical simulation of proton-radiographic facilities at Geant4	Mr SKOBLIAKOV, Aleksei	
[5] Effects of the finite thickness on the Rayleigh-Taylor instability in elastic solid slabs	Ms PIRIZ, Sofia A.	
[6] Evidence of Strong Damping in Raman Amplification: Comparison between Simulations and Experiment	FARMER, John	
[9] Recovery of shock-synthesized diamond and lonsdaleite from laser-driven graphite and plastic samples	Ms SCHUSTER, Anja Katharina	
[39] Ion acceleration using a flattop laser beam	AFSHARI, Masoud	
[47] Magnetorotational Instability in Collisional Weakly Ionized and Magnetized Electron-Positron-Ion Plasmas	Mrs TAJIK NEZHAD, samira	
[14] Harmonic Generation In Magnetized Quantum Plasma with Separate Spin-up and Spin-down Evolution of Degenerated Electrons	Dr KUMAR, Punit	
[13] Spectroscopic studies of the parameters of plasma jets during their propagation in the background plasma on the PF-3 facility	Dr ANANYEV, Sergey	
[19] Radiation-hydrodynamic simulations of backlighter options for FAIR	Dr FAIK, Steffen	

<b>[51] Diagnostical methods for high energy resolution spectroscopy of the target and projectile X-ray- uorescence</b>	Mr ZAEHTER, Sero	
<b>[36] Laser-induced ablation plasma: time and space-resolved spectroscopy. Applications</b>	Prof. GURLUI, Silviu	
<b>[34] High-energy proton microscopy at INR proton linac (proposal)</b>	Dr KANTSYREV, Alexey	
<b>[55] Development of metal plate launcher setup for VISAR doppler velocimeter test and calibration.</b>	Mr GAVRILIN, Roman	
<b>[57] Kelvin-Helmholtz instability in viscous warm dense matter</b>	Dr MEISTER, Claudia-Veronika Meister	
<b>[50] Improved description of ion stopping in moderately coupled and partially degenerate plasma</b>	Dr RACZKA, Piotr	