

Poster Session, Monday, May 2nd, 18:30-20:00

1	Ultra-fast scattering dynamics of warm dense Hydrogen at FLASH	Vinzenz Hilbert, U. Zastrau, E. Förster et al. <i>Univ. Jena, Germany</i>
2	Dynamics of metastable states in ion-beam irradiated foils	Steffen Faik, Anna Tauschwitz, J.A. Maruhn, I. Josilevskiy <i>Frankfurt Univ. and JIHT, RAS, Moscow</i>
3	Opacity measurements in Warm Dense Matter.	Johanna Otto, B. Ecker, D. Hochhaus, J. Jacoby, P. Neumayer, V.G. Novikov, A. Tauschwitz, Anna Tauschwitz, J. Wiechula <i>Frankfurt Univ., GSI, Mainz Univ., HI Jena, EMMI, KIAM Moscow, Russia, University Paris and LULI, FIAS Frankfurt</i>
4	Development of a colliding plasma experiment as an UV/VUV radiation source	Jörg Wichula, M. Iberler, J. Jacoby, B.-J. Lee, J. Otto, E. Pade, T. Rienecker and C. Teske, IAP, Universität, Frankfurt am Main, Germany; PAL, Pohang, Korea, EMMI, GSI, Darmstadt, Germany
5	Development of homogeneous plasma targets for combined laser-heavy ion beam experiments at GSI	Tim Rienecker, O. N. Rosmej, J. Jacoby, N. Zhidkov, V. Vatulina, N. Suslov, V. Derkach, A. Kunin, D. Schaefer, T. Nisius, J. Otto, J. Wiechula, Y. Zhao, R. Cheng, H. Zhao, G. Vergunova, N. Borisenko, N. Orlov <i>University, Frankfurt; GSI Darmstadt; VNIIEF, Sarov, Russia; RheinAhr Campus, Remagen; Lebedev Physical Institute, Joint Institute for High Temperatures, RAS, Russia; Institute of Modern Physics, Lanzhou, China</i>
6	Ab-initio calculations of thermodynamic properties of electrons in matter	Dmitry Minakov, P.R. Levashov, K.V. Kishchenko, G.V. Sinko, N.A. Smirnov <i>JIHT, RAS, Moscow, Russia</i>
7	Features of the gas-liquid phase transition in Silica	Alexander Solovyev, I.L. Iosilevskiy, V.K. Gryaznov, S. Faik, An. Tauschwitz <i>MIPT, Dolgoprudny, Russia; JIHT, RAS Moscow; IPCP Chernogolovka; EMMI, Frankfurt Univ.</i>
8	Formation and mobility of defects and clusters in metals under ion irradiation	Yu.A. Kuksin, Z. Isepov, G.E. Norman, V. V. Stegailov, S.V. Starikov, A.V. Yanilkin <i>JIHT, RAS, Moscow, Russia and ANL Argonne, Illinois, USA</i>
9	Equilibrium charge state distribution measurement in warm dense matter	Maxence Gauthier, LULI, CEA (Bruyère le Chatel), France
10	Dense high-energy proton beams generated by high-intensity laser fields	Benjamin Galov, Z. Harman, C.H. Keitel, <i>MPI Nuclear Physics, Heidelberg, Germany</i>
11	Investigation of the energy loss of ions in a strongly coupled hydrogen plasma	Witold Cayzac, S. Bedacht, A. Blazevic, A. Frank, L. Hallo, G. Malka, M. Roth, G. Schaumann, Th. Schlegel, V. T. Tikhonchuk, CELIA, Talence, France, TU Darmstadt and GSI, Darmstadt, Germany
12	Laser supported ionization wave in under-dense gases and foams	Ludovic Hallo, S. Yu Guskov, J. Limpouch, V.T. Tikhonchuk <i>Lebedev Institute, Moscow, Czech Technical University, Prague, CELIA - Bordeaux</i>
13	Plasma diagnostics applying K-line emission profiles of mid-Z materials	Kristine Karstens, Yiling Chen, A. Sengebusch, H. Reinholz, <i>Univ. Rostock, Germany; Johannes-Kepler-Universität Linz, Austria</i>
14	Capture, collimation and emittance of laser-accelerated protons using a strong-field solenoid lens	Trevor Burris, Th. Cowen, <i>Helmholtz-Center Dresden, Germany</i>
15	Applications of nanostructured targets	Lidia Borisenko; A. Orekhov, A.S. Malikova, N. Borisenko, <i>Lebedev Physical Institute, Moscow; Moscow State University, Russia</i>
16	Recent progress in target development for FAIR	Nikolaos Petridis, R.A. Costa Fraga, A. Kalinin, R.E. Grisenti, <i>Frankfurt University, Institute for Nuclear Physics, Frankfurt Germany</i>
17	A piecewise bubble model	Johannes Thomas, <i>University of Düsseldorf,</i>
18	Advantages of SiO ₂ - targets for plasma physics studies	Solovyev A.M., Efremov V.P.; <i>MIPT, Dolgoprudnyi, JIHT RAS, Moscow, Russia</i>
19	Energy principle for the determination of instabilities in MHD systems	Claudia-Veronika Meister, <i>TU-Darmstadt, Germany</i>