

HEDS 2023 - Invited Speakers

Emmanuel d'Humieres (CELIA, Univ. Bordeaux)

"Laser plasma interaction with kirojoule relativistic laser light"

Thomas Kluge (HDZR, Germany)

"Probing ultrafast laser plasma processes inside solids with resonant small-angle x-ray scattering"

Yuichi Inubushi (SACLA)

"Ionization dynamics study using SACLA XFEL"

Lisa Randolph (European XFEL)

"Dynamics of plasma formation measured by XFEL"

Luke Fletcher (SLAC, LCLS)

"Energy relaxation dynamics observed with the X-ray scattering from the short pulse laser heated warm dense hydrogen"

Alexy Arefiev (UCLA)

"GeV gamma-ray and positron production by ultra-intense laser light"

Drew Higginson (LLNL)

"Kinetic modeling of high energy density plasmas"

Bruce Remington (LLNL)

"Lab Astro and Discovery Science on NIF"

Annie Kritcher (LLNL)

Alex Zylstra (LLNL)

Natsumi Iwata (ILE, Osaka U)

"Mesoscale laser plasma interaction for particle acceleration and high energy density creation"

Tim Ziegler (HZDR)

"proton acceleration in the relativistic transparency regime"

Nobuhiko Nakanii (QST)

"recent status of the electron acceleration experiment at KPSI"

Ill Woo Choi (IBIS)

"high energy ion acceleration by 4 PW laser system"

Domenico Doria (ELI-NP)

"commissioning of the 1PW laser system of ELI-NP"

Daniel Mergarone (ELI-Beamline)

"recent experimental results on ELI-beam line"

Karl Krushelnick (Michigan)

"The ZEUS facility"

Jorg Schreiber (LMU)

"heavy ion acceleration at CALA laser facility"

Cristina Hernandez-Gomez (CLF)

"current status of the extreme photonis applications center"

Vincent Bagnold (GSI)

"the recent progress on ion acceleration and HEDS matter study at the PHELIX system"

Hirimitsu Kiriya

"the recent progress on the temporal pulse quality improvement at J-KAREN"

Hiroki Morita (Utsunomiya Univ.)

"Modeling of laser-driven magnetic field generation"

Joao Santos (CELIA, Univ. Bordeaux)

"Magnetized plasma on LMJ"

Phlipp Nicolai (CELIA, Univ. Bordeaux)

"p-B interactions"

Jullian Fuchs (LULI, Ecole Polytechnique)

"nuclear synthesis with laser"

Atsushi Tamii (RCNP, Osaka Univ.)

"photo nuclear reaction with laser"

Yasunobu Arikawa (ILE, Osaka Univ.)

"spin polarized neutron generation"

Ryunosuke Takizawa (ILE, Osaka Univ.)

"Fast igniton with high-contrast high-intensity laser pulse"

Sevastien Le Pape (LULI, Ecole Polytechnique)

"European activity of magnetized plasma"

Suxing Hu (LLE, Univ. Rochester)

"alpha particle transport in high-energy-density plasma"

Amina Hussein (University of Alberta)

"Micron scale High-Energy-Density Matter generated by Relativistic Laser-Solid interactions"

Philipp Korneev (Moscow In)

"Deep Learning in analysis of proton radiography."

Dimitry TESTOV (ELI-NP)

"Nuclear physics with high-intensity laser"

Ovidiu Tesileanu (ELI-NP)

"ELI-NP facility"

Mingseng WEI (ILE, Univ. Rochester)

"New facility in LLE"

Dean Rusby (LLNL)

"proton acceleration on NIF-ARC facility"

Stefan Weber (ELI-Beamline)

"Kilo-joule high-repetition laser facility for IFE study"