

Fusion Day Workshop

on November 10th, 2022 - 1:30 pm – 6 pm

at SB Lecture hall

or Zoom:

Meeting-ID: 670 5406 0975

Kenncode: 912887

PROGRAM

Session 1: Chair Paul Neumayer		
13:30 – 14:00	Markus Roth	Focused Energy: an Approach to Laser Fusion Energy
14:00 – 14:30	Vincent Bagnoud	High-energy lasers at GSI and FAIR
14:30 – 15:00	Todd Ditmire	Facility Plans for Focused Energy in Germany and the USA
Coffee Break – 60'		Discussion with management (closed)
Session 2: Chair Markus Roth		
16:00 – 16:20	Dieter H.H. Hoffmann	ICF related activities at XJTU
16:20 – 16:40	Sero Zaehter	Measurement and Control of Laser Plasma Instabilities at 2w for Direct Drive Inertial Confinement Fusion
16:40 - 17:00	Paul Neumayer	First experiments on TPD-scaling at PHELIX
17:00– 17:20	Marcus Malki	Frequency doubling of incoherent laser pulses (tentative)
17:20 – 17:40	Marc Zimmer	Laser-Driven Radiation Sources for non-destructive material testing
17:40 – 18:00	Naeem Tahir	Potential of SIS100 Beam to Do Heavy Ion Beam ICF Related Experiments at FAIR