

Symposium on HEDP Research in the Collaboration between HIAF and FAIR

Wednesday (27 March 2019) 5#1006 meeting room				Chair
	08:20-08:30	Opening		
State of FAIR, HIAF and Shenguang Facility	08:30-09:00	Vincent Bagnoud (GSI)	State of FAIR and HED@FAIR	Xinwen Ma
	09:00-09:30	Lijun Mao (IMP)	HIAF accelerator complex: status and development	
	09:30-10:00	Paul Neumayer (GSI)	Laser based diagnostics-the Helmholtz beamline project	
	10:00-10:30	Weimin Zhou (LFRC)	Indirect-drive pre-compression of CH coated cone-in-shell target with guiding wire for fast ignition	
	10:30-10:50	Coffee break		
Diagnostics for HED@HIAF & FAIR	10:50-11:20	Yonglin Bai (IOPM)	From ultrafast to ultralow light imaging - the potential application for HED@HIAF&FAIR	Yongtao Zhao
	11:20-11:40	Ziming Zhang (IMP)	HEER for HED @ HIAF	
	11:40-12:00	Dieter Hoffmann (TUD&XJTU)	PRIOR for FAIR	
	12:00-14:30	Lunch		
HED activities @ FAIR phase-0	14:30-15:00	Vincent Bagnoud (GSI)	FAIR phase-0 scientific opportunities for 2020-2025 at GSI's facilities	Leifeng Cao
	15:00-15:20	Yongtao Zhao (XJTU)	HEDP activities based on ion beam and high power laser @ XJTU	
	15:20-15:40	Jie Yang (IMP)	Strong coupling effect in ultracold neutral plasma	
	15:40-16:00	Coffee break		
Simulations	16:00-16:20	Zhibo Ma (IAPCM)	Meshfree Simulation for Multimaterial Physics	Weimin Zhou
	16:20-16:40	Dong Wu (IOFM)	Relativistic intense laser solid interactions: theory, simulation and applications	
	16:40-17:00	Rui Cheng (IMP)	Activities on the research of HED @ HIAF	
	17:00-18:00	Free discussion on the collaboration for HED@HIAF&FAIR		
	19:00-20:30	Conference Diner		

Thursday (28 March 2019) 5#1006 meeting room				Chair
Ion beam plasma interaction	09:00-09:30	Rui Cheng (IMP)	Low energy ion beam – plasma interaction @ HIRFL	Jie Yang
	09:30-10:00	Zhigang Deng (LFRC)	Ion beam – plasma research based high power laser	
	09:30-10:00	Benzheng Chen (XJTU)	PIC simulation of propagation of intense proton beams in gas plasmas: role of hydrodynamic instabilities	
	10:00-10:30	Bin He (IAPCM)	Energy loss of particles in plasma	
	10:30-10:50	Coffee break		
Laser-induced nuclear	10:50-11:20	Shukai He(LFRC)	Laser induced nuclear reaction and the applications @LFRC	Zhigang Deng
	11:20-11:40	Kaihong Fang (LZU)	Low energy nuclear reaction	
	11:40-12:10	Wei Qi (LFRC)	Laser-induced neutron source	
	12:10-14:30	Lunch		
Other topics	14:30-15:30	MIF introduction and free discussion Host by Xianjun Yang		
	15:30-17:00	Tour of IMP		
	17:00-18:00	Discussion on the collaboration based on HIRFL and Shenguang facility Host by Rui Cheng		
	18:00-18:10	Closing		