

Asian Forum for Accelerators and Detectors 2024

Wednesday 17 April 2024

WG4 - A300 (10:40-11:20)

time	[id] title	presenter
10:40	[102] Fast electron generation and transport studies in relativistic laser-thin foil interactions at RRCAT	Dr ARORA, Vipul
11:00	[101] Plasma-based acceleration studies in IHEP	LI, Dazhang

WG4 - A300 (11:20-12:20)

time	[id] title	presenter
11:20	[4] Laser driven Ion Acceleration by Hybrid Scheme Using Dual laser Pulses for NCU 100 TW Laser System	LIU, Yao-Li
11:40	[20] Injection and acceleration of positron beam in plasma wakefield	Prof. YU, JInqing
12:00	[22] Brightness Enhancement of Laser-driven Coherent Hard X-ray Source	TSAI, Cheng-Yu

WG4 - A300 (13:30-15:30)

time	[id] title	presenter
13:30	[33] Stilling chamber assisted Stable Electron Beam Generation in LWFA	Dr GU, YANJUN
13:50	[17] LCODE 3D: A New Open-Source Tool for 3D PWFA simulations	OKHOTNIKOV, Nikita
14:10	[14] Numerical Study of Polarized X-ray Generation by Tilted Shock-Front Injection	HUANG, SUNG-WEI
14:30	[15] Quasistatic simulations of long-distance laser wakefield acceleration	KUTERGIN, Daniil
14:50	[41] Single-shot spatial-temporal electro-optic diagnostic of laser wakefield accelerated electron bunches	HUANG, Kai
15:10	[21] Creating an asymmetric density profile in a sub-mm nitrogen gas jet to enhance the performance of few-TW laser wakefield acceleration	Mr TRAN, Dang Khoa

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WG4 - A119 (13:30-15:30)

time	[id] title	presenter
13:30	[35] Clustering of macroparticles in simulations of plasma wakefield acceleration	LOTOV, Konstantin
13:50	[45] Assessing Wake-T as a lightweight simulation tool for beam driven plasma wakefields, with applications to compact particle accelerators.	WILLIAMS, Theo
14:10	[58] Narrowband terahertz sources based on laser-plasmas for compact accelerators	HUR, MinSup
14:30	[59] The beam synchronized data acquisition system for CSNS accelerator	Mr SINONG, Cheng
14:50	[69] Development and applications of segmented capillary gas-cell with tailoring longitudinal density profiles	Dr NAM, Inhyuk
15:10	[18] Electron bunch shaping by laser heater for attosecond XFEL	MOON, KOOKJIN