

Laser-Plasma Accelerator Workshop 2019

Monday, May 6, 2019

Laser-driven electron acceleration (2:00 PM - 3:30 PM)

-Conveners: Chandrashekhar Joshi

time	[id] title	presenter
2:00 PM	[50] Electron beam acceleration to 8 GeV with laser-assisted capillary discharge waveguides	NAKAMURA, kei
2:20 PM	[14] Carrier-Envelope-Phase and Dispersion in Laser-Plasma Acceleration Driven by Single-Cycle Laser Pulses	Prof. FAURE, Jerome
2:40 PM	[10] Controlling the Self-Injection Threshold in Laser Wakefield Accelerators	Dr KUSCHEL, Stephan
2:55 PM	[96] Effects of Beam Loading in LWFA's	GÖTZFRIED, Johannes
3:10 PM	[78] Laser wakefield acceleration research at Center for Relativistic Laser Science	Dr KIM, Hyung Taek

Laser-driven electron acceleration: Recent progress in LWFA - Main Hall (4:00 PM - 5:00 PM)

-Conveners: Olle Lundh

time	[id] title	presenter
4:00 PM	[128] CO2-laser-driven laser-wakefield acceleration experiments at Brookhaven's Accelerator Test Facility	ZGADZAJ, Rafal
4:15 PM	[90] Transport of a laser plasma accelerated electron beam on COXINEL	OUMBAREK ESPINOS, Driss
4:30 PM	[19] Plasma eyepiece for petawatt laser wakefield accelerators	Dr ZENG, Ming
4:45 PM	[35] A novel scheme in the plasma beam dump	Dr XIA, Guoxing

Tuesday, May 7, 2019

Laser-driven electron acceleration - Main Hall (5:15 PM - 6:15 PM)

-Conveners: Victor Malka

time	[id] title	presenter
5:15 PM	[117] Laser -driven particle acceleration at high repetition rate	KRUSHELNICK, Karl
5:35 PM	[88] Status of CALA and overview about LMU's LWFA-related activities	KARSCH, S.
5:55 PM	[95] Energy absorption, photon-photon scattering and channelling with ultra-intense laser pulses	Prof. NORREYS, Peter

Wednesday, May 8, 2019

Laser-driven electron acceleration - Main Hall (4:00 PM - 5:00 PM)

-Conveners: Laszlo Veisz

time	[id] title	presenter
4:00 PM	[65] Superluminal laser plasma acceleration	Mr SMARTSEV, Slava
4:15 PM	[123] Traveling-Wave Electron Acceleration - Energy-efficient Laser-plasma acceleration beyond the dephasing and depletion limits	Dr DEBUS, Alexander
4:30 PM	[62] Electron beam dynamics in the laser-plasma accelerator	ANDREEV, Nikolay
4:45 PM	[126] LWFA in mismatched regime	KOSTYUKOV, Igor

Laser-driven electron acceleration - Main Hall (5:15 PM - 6:15 PM)

-Conveners: Alec Thomas

time	[id] title	presenter
5:15 PM	[18] Few-cycle laser wakefield acceleration on solid targets with controlled plasma scale length	ZAIM, Neil
5:30 PM	[7] Generation of super-ponderomotive electrons in interaction of relativistic laser pulses with long scale near critical plasmas.	Prof. ROSMEJ, Olga N
5:45 PM	[13] Generation of high energy electrons in moderately intense laser matter interaction with mass-limited targets	Ms MONDAL, Angana
6:00 PM	[47] Multi Spectral Coherent Transition Radiation Imaging and Interferometry of Laser Wakefield Accelerated Electron Bunches	Prof. DOWNER, Michael

Thursday, May 9, 2019

Laser-driven electron acceleration - Main Hall (12:00 PM - 1:30 PM)

-Conveners: Hyung Taek Kim

time	[id] title	presenter
12:00 PM	[61] Beam quality optimization in a beam loaded nanocoulomb-class laser wakefield accelerator	COUPERUS CABADAĞ, J. P.
12:15 PM	[98] First demonstration of a hybrid laser-electron-beam driven plasma wakefield accelerator	KURZ, T.
12:30 PM	[116] Influence of proton bunch parameters on a proton-driven plasma wakefield acceleration experiment	MOREIRA, Mariana
12:45 PM	[109] Ballistic Injection and acceleration of positrons in bubble regime	Mr XU, Zhiyi
1:00 PM	[146] An experimental study of transverse and longitudinal wakefields driven by a self-modulating proton bunch	TURNER, Marlene
1:15 PM	[130] Stable positron acceleration in self-generated hollow channels	SILVA, Thales