

Session Program

26-31 Jul 2026



Advanced Accelerator Concepts 2026

A2-Working group # 2

Luskin Conference Center, UCLA

Monday 27 July

13:30

A2-Working group # 2

Session | Location: Luskin, Legacy A

13:30-13:50

Efficient proton acceleration in near critical density targets

Speaker

Ulrich Schramm

13:50-14:10

Enhanced acceleration of high-energy proton beams from laser-driven stochastic 3D printed microstructures

Speaker

Sergei Tochitsky

14:10-14:30

Significant Increase in the Number of Energetic Protons with Two Hot Temperatures of 1 and 4 MeV During the Interaction of an Ultra-Intense Laser with a Foam Target Near the Critical Density and Coulomb piston signature.

Speaker

gerard malka

14:30-14:50

Generation of deuteron beams from laser-driven thin foils for neutron radiography

Speaker

Chengkun Huang

14:50-15:10

Recent developments of a laser-driven ion acceleration beamline at SIOM

Speaker

Prof. Jianhui Bin

15:10-15:30

Proton Beam Focusing in Low Density Plasma from High-Repetition-Rate Liquid-Sheet Targets

Speaker

Jimmy Weeks

15:30

Thursday 30 July

16:00

A2-Working group # 2

Session | **Location:** Luskin, Optimist A

16:00-16:20

Electric and magnetic fields on the surface of a dense plasma with relativistic electron flows

Speaker

Alexander Thomas

16:20-16:40

On-line optimization of a high average power laser-driven ion source using Markov Chain Monte Carlo algorithm

Speaker

Tibor Gilinger

16:40-17:00

Scintillator-Based High Repetition Rate Diagnostic for Multi-Energy Proton Beam Imaging & Probing

Speaker

Veronica Contreras

17:00-17:20

Picosecond Radiation Dynamics in Materials Using Laser Driven Sources

Speaker

Jonathan Kennedy

17:20-17:40

Diagnosing near-critical-density laser plasma interaction and ion acceleration using dynamic optical probing

Speaker

Nicholas Dover

17:40-18:00

Contrast enhancement results of a novel spatially-combined, pulse-stacked ultrafast fiber laser system

Speaker

David Feng

18:00