

Session Program

26-31 Jul 2026



Advanced Accelerator Concepts 2026

A3-Working group # 3

Luskin Conference Center, UCLA

Monday 27 July

13:30

A3-Working group # 3

Session | Location: Luskin, Legacy B

13:30-13:50

Elliptic Multipole Expansion Calculations in Flat-Beam PWFA: Comparison with WarpX Simulations

Speaker

Yunbo Kang

13:50-14:10

Transverse control and optimization for plasma wakefield acceleration

Speaker

Yiheng Ye

14:10-14:30

New light on wakefield longevity

Speaker

Jason Brooks

14:30-14:50

Resonant Excitation of Plasma Wakefields with a Train of Relativistic Particle Bunches

Speaker

mario galletti

14:50-15:10

Progress of the E310 - Trojan Horse-II experiment at SLAC FACET-II

Speaker

Natascha Thomas

15:10-15:30

A Discharge Capillary Plasma Source for Wakefield Acceleration Research at FACET-II

Speaker

Dr Konstantin Kruchinin

15:30

Tuesday 28 July

13:30

A3-Working group # 3

Session | Location: Luskin, Legacy B

13:30-13:50

Teraelectronvolt plasma acceleration through regenerative cascading

Speaker

Chaojie Zhang

13:50-14:10

Nonlinear Theory for Plasma Wakefield Produced by Elliptical Beams via Data-Driven Physical Modeling

Speaker

Tony Griffin

14:10-14:30

High-energy plasma wakefield acceleration with full charge capture in a laser-ionized all-optical plasma source

Speaker

Valentina Lee

14:30-14:50

PROGRESS ON THE FLAT BEAM PLASMA WAKEFIELD EXPERIMENT AT AWA

Speaker

Pratik Manwani

14:50-15:10

Optimization of plasma-based electron injectors for a linear collider or XFEL

Speaker

Thamine Dalichaouch

15:10-15:30

Performance enhancement of electron beams from linacs, LWFA or PWFA

Speaker

Bernhard Hidding

15:30

Thursday 30 July

13:30

A3-Working group # 3

Session | Location: Luskin, Legacy B

13:30-13:50

Feasibility and Stability of PWFA Injection Schemes in Hybrid Plasma Accelerators

Speaker

Edgar Anton Hartmann

13:50-14:10

Multi-GeV Electron Combs from a Plasma Wakefield Accelerator

Speaker

Chaojie Zhang

14:10-14:30

Passive Plasma Lens Experiments at FACET-II

Speaker

Shutang Meng

14:30-14:50

Proposal for FACET-III

Speaker

Bernhard Hidding

14:50-15:10

PROGRESS ON THE SPACE PLASMA EXPERIMENT AT MITHRA

Speaker

Pratik Manwani

15:10-15:30

Muon production and capture into a plasma wakefield accelerator

Speaker

Brian Naranjo

15:30