

Session Program

26-31 Jul 2026



Advanced Accelerator Concepts 2026

A4-Working group # 4

Luskin Conference Center, UCLA

Monday 27 July

16:00

A4-Working group # 4

Session | **Location:** Luskin, Legacy B

16:00–16:20

Copper Coated Peek Based RF Cavity Power and Q Factor Testing

Speaker

Benjamin Sims

16:20–16:40

ASTERIX: Development of TIG-Welded Four-Quadrant X-Band RF Accelerating Structures at INFN.

Speaker

Luigi Faillace

16:40–17:00

Radiative damping in dielectric structures

Speaker

Brian Naranjo

17:00–17:20

Towards Generation of Orbital Angular Momentum THz Radiation via Dielectric Wakefield Acceleration

Speaker

JACKSON ROZELLS

17:20–17:40

Co-propagating dielectric laser accelerators for compact high-gradient particle acceleration

Speaker

Giuseppe Torrisi

18:00

Tuesday 28 July

16:00

A4-Working group # 4

Session | **Location:** Luskin, Legacy B

16:00–16:20

High Power Test of Ultra-Short High Gradient Cavities via RF Pulse Compression

Speaker

Ankur Dhar

16:20–16:40

CUPID Photo-Injector Design and Beam Dynamics

Speaker

Wei Hou Tan

16:40–16:55

High Gradient Testing of a Two-Cell C-band Accelerator Cavity with NiCr Higher-Order Mode Absorbers

Speaker

Evgenya Simakov

16:55–17:10

High gradient testing of the C-band 1.6 cell all-copper photoinjector

Speaker

Evgenya Simakov

17:10–17:30

Experimental Investigation of RF Breakdown in a Short-Pulse X-band Cavity

Speaker

Gaurab Rijal

17:30–17:50

Breakdown analysis and wakefield simulation for the RF cavities in the muon collider ionization cooling channel

Speaker

Dillon Merenich

18:00

Thursday 30 July

16:00

A4-Working group # 4

Session | **Location:** Luskin, Legacy B

16:00–16:20 **A-STRA: a wakefield accelerator for high-repetition rate XFELs**

Speaker

Alexander Zholents

16:20–16:40

Progress on a High-Gradient Booster Linac for Multi-GeV Proton Radiography at LANSCE

Speaker

Haoran Xu

16:40–17:00

LWFA-fed Compton Source Based on Dual-Energy Accumulator Ring with Cryocooled Nb₃Sn Twin-Axis Cavities

Speaker

Andrei Seryi

17:00