

Session Program

8-11 Sept 2026



Fourth US FCC meeting

Reception and Poster Session

SLAC, 51/1-102 - Kavli Auditorium

Tuesday 8 September

18:00

Reception and Poster Session

Session | **Location:** SLAC, 53/1-1320 - Panofsky Auditorium, Lobby

18:00–18:10

Laser-Based Collimation of Beam Halo Electrons via Compton Scattering

Speaker

Ching-En Lin

18:10–18:25

Initial mechanical integration design for the LumiCal forward detector

Speaker

Lorenzo Pollastrini

18:25–18:35

Photogun based electron sources at BNL

Speaker

Omer Rahman

18:35–18:50

Parnassus for CLD: A Generative Machine-Learning Surrogate for Full Detector Simulation and Particle Flow Reconstruction

Speaker

Umar Sohail Qureshi

18:50–19:00

Machine Learning Enables Real-Time Waveform Decomposition for Dual-Readout Calorimetry

Speakers

Julia Gonski, Liangyu Wu, Qibin Liu

19:00–19:10

Holistic Evaluation of Jet Performance at FCC-ee

Speaker

Gregor Krzmarc

19:10–19:25

Benchmarking WarpX against Guinea-Pig for incoherent pair creation backgrounds at FCC-ee

Speaker

Kate Kudela

19:25–19:35

Agentic Optimization of Detector Design for the FCC-ee

Speaker

Ivan Brillo

19:35–19:45

Toward a B_c Fragmentation-Fraction and $|V_{cb}|$ Measurement at FCC-ee: Truth-Level Validation of B -Hadron Flight Observables

Speaker

Mr Saheed Oyeniran

19:35-19:50

Do the Tails Agree? WarpX vs GUINEA-PIG for FCC-ee Vertex Backgrounds**Speaker**

Anna Kinderman

19:35-19:45

Application of Agentic AI to Vertically Integrated Bilevel Reconstruction and TDAQ Optimization (VIBRATO)**Speaker**

Wonyong Chung

19:35-19:45

Guinea-Pig X: A GPU-Accelerated Port of GuineaPig for Beam-Beam Simulation at FCC-ee**Speaker**

Dimitris Ntounis

19:35-19:45

Simulation-Based Study of Highly Granular Silicon-Tungsten Electromagnetic Calorimeter for FCCee: Trade-offs between Pixel Granularity and Thermal Management**Speaker**

Prajita Bhattarai

19:35-19:45

Data rates from the Vertex detector and managing the beam backgrounds**Speaker**

Alexander Paramonov

19:35-19:45

Final Focusing Quadrupoles, correctors and compensation Solenoid magnets for FCC-ee**Speaker**

Vikas Teotia

20:00