

Session Program

10-14 Aug 2026



54th SLAC Summer Institute (SSI 2026)

Contributed Topical Session

SLAC, 48/1-112C/D - Redwood C/D

Tuesday 11 August

15:30

Contributed Topical Session

Session | **Location:** SLAC, 48/1-112C/D - Redwood C/D

15:30-15:42

Real-time Quantum Inspired Algorithms for Anomaly Detection in Collider Triggers

Speaker

Sagar Addepalli

15:45-15:57

Questions on Fuzzy Dark Matter

Speaker

Sunhaeng Hur

16:00-16:12

Probing Higgs-charm Yukawa structure at the ATLAS Experiment

Speaker

Prajita Bhattarai

16:15-16:27

Spin-Independent Searches for Axion Dark Matter via Second-Order Interactions

Speaker

Sheakha Aldaihan

16:30

Wednesday 12 August

15:30

Contributed Topical Session

Session | **Location:** SLAC, 48/1-112C/D - Redwood C/D

15:30-15:42

Tribute to Henry Primakoff: Tests of Chiral Perturbation Theory via Primakoff Reactions

Speaker

Murray Moinester

15:45-15:57

The Stimulated Emission and Detection of Gravitational Waves using Dissimilar Superconducting Josephson Junctions

Speaker

Mr Gary Stephenson

16:00-16:12

MKID Bolometer

Speaker

Jack Bargemann

16:15-16:27

Probing Freeze-In Dark Matter via a Spin-2 Portal at the LHC with Vector Boson Fusion and Machine Learning

Speaker

Junzhe Liu

16:30