

Session Program

29 April 2025 to 1 May 2025

27th Accelerator Test Facility Users' Meeting

New Proposals

Brookhaven National Laboratory, BLDG 515 - ITD Large Conference Room

Wednesday 30 April

14:40

New Proposals

Session | **Location:** Brookhaven National Laboratory, BLDG 515 - ITD Large Conference Room

14:40–15:10

AF135/NP-318679 Tunable laser positron source

Speaker

Aakash Sahai

15:10–15:40

NP-318719: Direct measurement of pulse length and retrieval of longitudinal phase space distribution of electron beams with laser pulses

Speaker

Yong Ma

15:40–16:10

NP-318791: SC-IFEL: A superradiant Compton experiment driven by IFEL bunched electrons

Speaker

Brian Schaap

16:10

Thursday 1 May

09:30

New Proposals

Session | Location: Brookhaven National Laboratory, BLDG 515 - ITD Large Conference Room

09:30-10:00

NP-318758: Solid-State High Harmonic Generation with Long-Wave Infrared Source for Quantum Materials Characterization

Speaker

Julia Mikhailova

10:00-10:30

NP-318747: Efficient and Stable Acceleration of Electrons in Laser Wakefield Accelerators

Speaker

Navid Vafaei-Najafabadi

10:30-11:00

NP-318759: Gas-Based Plasma Optics for Steering and Shaping High-Power Long-Wave-Infrared Laser Pulses

Speaker

Julia Mikhailova

11:00