Session Program

Jun 26 – 30, 2017

Americas Workshop on Linear Colliders 2017 (AWLC17)

Warm RF Technology

SLAC National Accelerator Lab
2575 Sand Hill Road Menlo Park, CA 94025 USA

Fri, June 30

9:00 AM

Warm RF Technology: Accelerator Systems for Colliders

Session | **Location:** SLAC, Madrone Room, bldg. 48

9:00 – 9:25 AM **CLIC Design**

Speaker
Walter Wuensch

9:25 – 9:50 AM

Dielectric Accelerators in Microwave Regime and Concept of Short Pulse Collider

Speaker
Chunguang Jing

9:50 – 10:15 AM

NCRF Roadmap and Advancing Cost-Capability of NCRF Accelerators for Colliders

Speaker
Emilio Nanni

10:15 – 10:40 AM **TopGun: An Ultra-High Gradient Cryogenic RF Photoinjector**

Speaker
Alex Cahill

10:40 AM

11:00 AM

Warm RF Technology: High Gradients Structures

Session | **Location:** SLAC, Madrone Room, bldg. 48

11:00 – 11:25 AM

Multipactor and Dark Current Studies of a 17 GHz Standing Wave Accelerator Structure

Speaker
Haoran Xu

11:25 – 11:50 AM **CLIC High Gradient Research**

Speaker
Walter Wuensch

11:50 AM – 12:15 PM **Designs and High Power Tests of Distributed Coupling Linacs**

Speaker
Mamdouh Nasr

12:15 – 12:40 PM

High-gradient Experiments with Cryogenic Normal-Conducting Cavities

Speaker
Alex Cahill

12:40 PM

1:30 PM

Warm RF Technology: RF Sources, Modulators and Injectors

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1:30 – 1:55 PM **Efficient and Low Cost RF Sources + Compressors**

Speaker
Matt Franzi

1:55 – 2:20 PM **High Efficiency Klystron Development.**

Speaker
Brandon Weatherford

2:20 – 2:45 PM **Modulator Development**

Speaker
Mark Kemp

2:45 – 3:10 PM
Test Stands for Breakdown Studies on RF-Driven and Beam-Driven Structures

Speaker
Yong Jiang

3:10 PM

3:30 PM

Warm RF Technology: Discussion

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4:15 PM