Session Program

26–30 Jun 2017

Americas Workshop on Linear Colliders 2017 (AWLC17)

Warm RF Technology

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

Friday 30 June

09:00

Warm RF Technology: Accelerator Systems for Colliders

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

09:00–09:25 **CLIC Design**

Speaker
Walter Wuensch

09:25–09:50

Dielectric Accelerators in Microwave Regime and Concept of Short Pulse Collider

Speaker
Chunguang Jing

09:50–10:15

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

Speaker
Emilio Nanni

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

Speaker
Alex Cahill

10:40

11:00

Warm RF Technology: High Gradients Structures

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

11:00–11:25

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

Speaker
Haoran Xu

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

Speaker
Walter Wuensch

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

Speaker
Mamdouh Nasr

12:15–12:40

High-gradient Experiments with Cryogenic Normal-Conducting Cavities

Speaker
Alex Cahill

12:40

13:30

Warm RF Technology: RF Sources, Modulators and Injectors

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

13:30–13:55 **Efficient and Low Cost RF Sources + Compressors**

Speaker
Matt Franzi

13:55–14:20 **High Efficiency Klystron Development.**

Speaker
Brandon Weatherford

14:20–14:45 **Modulator Development**

Speaker
Mark Kemp

14:45–15:10
Test Stands for Breakdown Studies on RF-Driven and Beam-Driven Structures

Speaker
Yong Jiang

15:10

15:30 **Warm RF Technology: Discussion**
Session | **Location:** SLAC, Madrone Room, bldg. 48

16:15