

## **Session Program**

**15-17 Oct 2018**

# **Photocathode Physics for Photoinjectors 2018**

## ***Session 2: Application Oriented Research: Low Average Current***

Hilton-Buffalo Thunder, Pueblo Ballroom  
20 Buffalo Thunder Trail Santa Fe, NM, USA 87506

# Monday 15 October

10:15

## Session 2: Application Oriented Research: Low Average Current: Session 3: Application Oriented Research: FEL

Session | Location: Hilton-Buffalo Thunder, Pueblo Ballroom, 20 Buffalo Thunder Trail Santa Fe, NM, USA 87506

10:15-10:35    Review of requirements and challenges for UED/UEM

Speaker  
Dr Renkai Li

10:35-10:55    Spatio-temporal quantum limits forUED/UEM from MTE

Speaker  
Dr Jared Maxon

10:55-11:15    <10 meV MTE from Cu

Speaker  
Dr Siddharth Karkare

11:15-11:35  
Laser-triggered, high-coherence electron emitters for femtosecond pulses generation in high-field environments

11:35-11:50    Nanocrystalline diamond cathodes

11:50-12:05    Workshop Discussion

12:15