

## **Session Program**

**15-17 Oct 2018**

# **Photocathode Physics for Photoinjectors 2018**

## ***Session 10: Theory and Computation - continued***

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

## Wednesday 17 October

10:50

### Session 10: Theory and Computation - continued: Session 10: Theory and Computation - continued

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

10:50-11:10 **Surface Acoustic Waves and enhanced PE**

11:10-11:30 **Space charge and laser intensity**

**Speaker**

Dr Peng Zhang

11:30-11:50 **Modeling quantum yield, emittance, and surface roughness effects**

**Speaker**

Dr Dimitre Dimitrov

11:50-12:05 **(Suggested by Pietro and Sid) Chemical and surface roughness**

**Speaker**

Dr Gevork Gevorkyan

12:05-12:25 **Trajectories, beam codes, and delayed emission modeling**

12:25-12:45 **A predictive QE simulation using DFT input for beam codes**

**Speaker**

Dr Kevin Jensen

12:45-12:55 **Workshop Discussion**

12:55