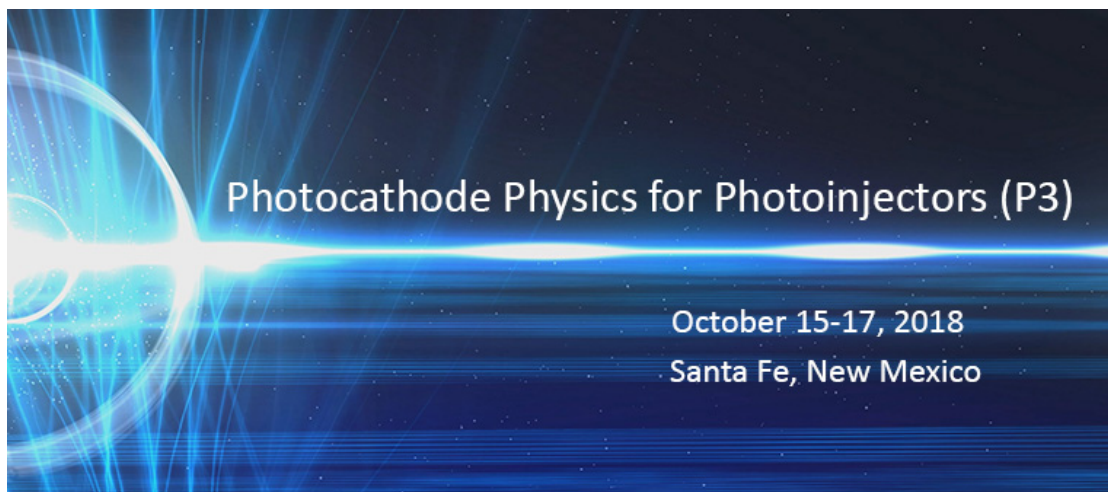


Session Program

15-17 Oct 2018



Photocathode Physics for Photoinjectors 2018

Session 3

Hilton-Buffalo Thunder, Pueblo Conference Room A
20 Buffalo Thunder Trail Santa Fe, NM, USA 87506

Monday 15 October

13:30

Session 3: Application Oriented Research: FEL

Session |

Location: Hilton-Buffalo Thunder, Pueblo Conference Room A, 20 Buffalo Thunder Trail Santa Fe, NM, USA 87506 |

Convener: Dr Siddharth Karkare

13:30–13:50

Requirements and Challenges of Photocathodes for Free Electron Laser Applications

Speaker

Dr Bruce Dunham

13:50–14:10

Photocathode research at the UCLA Pegasus Laboratory

Speakers

Dr Pietro Musumeci, Pietro Musumeci

14:10–14:25

In Pursuit of the Narrow Cone; Prospects for 2-photon and n-type Photoemission from $\text{Al}(x)\text{Ga}(1-x)\text{N}$

Speaker

Mr Christopher Pierce

14:25–14:40

Ultra-thin two-dimensional crystalline nanoporous coatings as cathode protection layers

Speaker

Dr J Anibal Boscoboinik

14:40–14:55

Effects of Chemical and Physical Roughness on MTE

Speaker

Dr Gevork Gevorkian

14:55–15:10

Increase of intrinsic emittance induced by multiphoton photoemission from copper cathodes illuminated by femtosecond laser pulses

Speaker

Dr Rui Zhu

15:10–15:30

Workshop Discussion

15:30