

Session Program

15-17 Oct 2018

Photocathode Physics for Photoinjectors 2018

Session 6: Application Oriented Research: Cathode Design

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

Tuesday 16 October

10:30

Session 6: Application Oriented Research: Cathode Design

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

10:30–10:35

Review of requirements and challenges for holistic cathode design

Speaker

Dr Dave Dowell

10:35–10:55

Blade cathodes

10:55–11:15

Ultra-thin cathodes

Speaker

Dr Linda Spentzouris

11:15–11:35

Etalon Photocathodes

Speaker

Dr Anna Alexander

11:35–11:55

2D photocathode coatings

Speaker

Dr Enrique Batista

11:55–12:15

Cathode surface layers for emittance improvement

12:15–12:30

Workshop Discussion

12:30