

Accelerator and Detector Research Program Comparative Review

Scus, THz, and UED Session - Oak 2

Wednesday, May 1, 2019

| Presenter | Institution | Title | Time |
|--------------------|-------------|---|-------------|
| James Murphy | DOE | Introductory Remarks | 9:05-9:20 |
| Efim Gluskin | ANL | Development of a helical superconducting undulator for the Advanced Photon Source | 9:20 -10:00 |
| Jin Wang | ANL | Applications of the Super Conducting Helical Undulator at the APS | 10:00-10:40 |
| | | BREAK | 10:40-11:00 |
| Efim Gluskin | ANL | Double NB3Sn Superconducting Undulator for the APS | 11:00-11:40 |
| Matthias Hoffmann | SLAC | Light Matter Interaction on Sub-Cycle Timescales in Extreme Terahertz Fields & High repetition rate THz sources for Ultrafast Science | 11:40-12:30 |
| | | LUNCH | 12:30-1:30 |
| Xijie Wang | SLAC | Ultrafast Science Enabled by Femtosecond MeV Electron Diffraction | 1:30-2:10 |
| Daniele Filippetto | LBNL | High Repetition Rate Ultra-Fast Electron Diffraction Development | 2:10-2:50 |