

**Session Program**

**27-29 Aug 2025**

**Workshop on Frontiers in Ultrafast Scattering  
of Electrons**

***Supporting Technologies & Diagnostics***

SLAC, 48/1-112A/B/C/D - Redwood Rooms  
2575 Sand Hill Rd, Menlo Park CA 94025

# Thursday 28 August

14:30

## Supporting Technologies & Diagnostics

**Session** | **Location:** SLAC, 48/1-112A/B/C/D - Redwood Rooms, 2575 Sand Hill Rd, Menlo Park CA 94025 |  
**Convener:** Cameron Duncan

14:30-15:00

### **Towards programmable XFELs: linking adaptable photoinjector laser shaping to tailored X-ray production**

**Speaker**

Sergio Carbajo

15:00-15:30

### **Direct electron detectors for robust structural characterization with four-dimensional STEM**

**Speaker**

Steven Zeltmann

15:30-16:00

### **Advanced THz structures for accelerator timing diagnostics**

**Speaker**

Mohamed Othman

16:00-16:30

### **Versatile Photoelectron Sources for Ultra-low Intrinsic Emittance Electron Beams**

**Speaker**

Michael Kaemingk

16:30