



AFTE Eastern Regional

FALL TRAINING SEMINAR October 13 & 14

8:30 **ATTENDEES ARRIVE**

8:45-9:00 *Welcome, Introduction, and Safety*

9:00-9:30 *X-ray Examination of a Firearm in Concrete*

9:30-10:00 *Boston Marathon Case - Shooting Incident Reconstruction*

10:00-10:15 **BREAK**

10:15-10:45 *Boston Marathon Case - Firearms and Toolmarks Examination*

10:45-11:15 *Terminal Effects of Ruger 9mm 80 Grain ARX Ammunition*

11:15-11:30 *Group Photo*

11:30-1:00 **LUNCH**

1:15-2:00 *Group Panel: DOJ-ASSTR Document and WH-PCAST Report*

2:00-2:30 *3D Measurement of General Rifling Characteristics*

2:30-3:00 *Glock Barrel "Rails", Barrel Castings, Subclass and QCMS*

3:00-3:15 **BREAK**

3:15-4:00 *3D Surface Topography Analysis: Technology, Best Practices and Virtual Microscopy*

4:00-4:30 *FBI Validation of 3D Technology and Implementation into Casework*

4:30-5:00 *Range Safety Brief & Firearms Familiarity*

Hosted by FBI Laboratory, **Firearms/Toolmarks Unit**