Session Program

March 14, 2025

ATF Security Applications Science Planning Workshop

Main

Virtual, Virtual

Fri, March 14

10:00 AM

Main: Security Application at ATF

Session | **Location:** Virtual, Virtual

10:00 – 10:20 AM **ATF research capabilities, status and upgrades**

Speaker
Igor Pogorelsky

10:20 – 10:40 AM

Remote detection of radioactive sources by long-wavelength laser-driven avalanche

Speaker
Dr Howard Milchberg

10:40 – 11:00 AM

Nonlinear propagation of ultrashort long-wavelength laser pulses in the atmosphere

Speaker
Dr Tanner Simpson

11:00 – 11:20 AM **TBD**

Speakers
Daniel Gordon, Yu-hsin Chen

11:20 – 11:40 AM

Generating broad spectrum radio frequency energy by ionizing air with the laser system

Speaker
Dr Jennifer Elle

11:40 AM – 12:00 PM **TBD**

Speakers
Harry Sinsheimer, Sandra Biedron

12:00 – 12:30 PM **Discussion**

1:00 PM