

## **Session Program**

**14 March 2025**

# **ATF Security Applications Science Planning Workshop**

## ***Main***

Virtual, Virtual

# Friday 14 March

10:00

## Main: Security Application at ATF

**Session** | **Location:** Virtual, Virtual

10:00-10:20

### ATF research capabilities, status and upgrades

#### Speaker

Igor Pogorelsky

10:20-10:40

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

#### Speaker

Dr Howard Milchberg

10:40-11:00

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

#### Speaker

Dr Tanner Simpson

11:00-11:20

### TBD

#### Speakers

Daniel Gordon, Yu-hsin Chen

11:20-11:40

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

#### Speaker

Dr Jennifer Elle

11:40-12:00

### TBD

#### Speakers

Harry Sinsheimer, Sandra Biedron

12:00-12:30

### Discussion

13:00