Session Program

Jun 20 – 21, 2024

ATF Science Planning Workshop 2024

High- Power M/L-WIR Development I

Bldg 515, ITD Seminar Room, Second Floor

Fri, June 21

1:50 PM

High- Power M/L-WIR Development I

Session | **Location:** Bldg 515, ITD Seminar Room, Second Floor

1:50 – 2:05 PM

Novel high-power mid-IR sources based on optically pumped CO2 laser technology

Speaker
Sergei Tochitsky

2:05 – 2:20 PM

High Peak Power 2.8 µm GaSb-Based Cascade Diode Laser Arrays for Optical Pumping of CO2 Gas and Fe:ZnSe

Speaker
Leon Shterengas

2:20 – 2:35 PM **Plasma optics & Raman amplification**

Speaker
Daniel Gordon

2:35 – 2:50 PM

Plasma Optics for Steering and Shaping High-Power LWIR Laser Pulses

Speakers
Julia Mikhailova, Matthew Edwards

2:50 – 3:05 PM **Producing and Measuring “Flying-Doughnut” Pulses**

Speaker
Paul Corkum

3:05 – 3:45 PM **Discussion**

3:45 PM