



# 2019 ATF Science Planning Workshop

## Wednesday, 16 October 2019

### Laser-Electron Beam Capabilities - ITD Seminar Room (B515, 2nd Flr) (14:50 - 17:30)

time	[id] title	presenter
14:50	[23] Laser-Electron Beam Capabilities and Plan	POGORELSKY, Igor
15:20	[53] External injection of an electron beam in LWIR-driven LWFA	VAF AEI-NAJAFABADI, Navid
15:40	[24] Ion Acceleration Opportunities at ATF	ETTLINGER, Oliver
16:00	Coffee Break	
16:20	[25] Sub-fs modulated beams using LWIR laser, plasma and beam interactions	SAHAI, Aakash
16:40	[56] Potpourri of New Accelerator R&D Opportunities	KIMURA, Wayne
17:00	[9] Discussion and Report Planning	VAF AEI-NAJAFABADI, Navid

# Thursday, 17 October 2019

## Laser-Electron Beam Capabilities - ITD Seminar Room (B515, 2nd Flr) (09:00 - 10:55)

time	[id] title	presenter
09:00	[26] Advanced Inverse Compton Scattering Experiments	ROSENZWEIG, James
09:20	[49] Probing Weibel instability in CO <sub>2</sub> ionized plasmas using ultrashort electron beams	ZHANG, Chaojie
09:40	[51] Modeling Classical Undulator Radiation with a Parallel Lienard-Wiechert Code	RYNE, Robert
10:00	Coffee Break/Discussion	
10:15	[57] Simulation capabilities for ATF experiments	COWAN, Benjamin
10:35	[58] Opportunities and Challenges for Simulation at ATF	COOK, Nathan