



# 24th ATF Users' Meeting

## Thursday, 20 January 2022

### New Proposals (13:15 - 16:15)

time	[id] title	presenter
13:15	[19] Session Introduction	
13:25	[18] 309994: Characterization of the collinear wakefield accelerator module	ZHOLENTS, Alexander
13:55	[20] 309989: MeV energy gain in a CO2 laser driven dielectric accelerator	YADAV, Gyanendra
14:25	[33] 310077: Simulation-aided Instrument Optimization using Artificial Intelligence and Machine Learning Methods	RAKITIN, Maksim FEDURIN, Mikhail
14:55	Break	
15:15	[22] 310010: High-efficiency laser-driven electron accelerator	Prof. FUCHS, Matthias

# Friday, 21 January 2022

## New Proposals (13:00 - 15:30)

time	[id] title	presenter
13:00	[28] Introduction	
13:10	[29] 310036: Remote detection of radioactive materials using long wave infrared laser-driven avalanche breakdown	SCHWARTZ, Robert Max
13:40	[30] 310044: Development of actinide studies using MeV ultrafast electron diffraction	FAZIO, Mariana
14:10	[21] 309977: Radiofrequency emission from 10 $\mu\text{m}$ short pulse laser ionized gases and solids	ELLE, Jennifer
14:40	Break	
15:00	[31] 310047: Tunable positron source: CO <sub>2</sub> laser driven post-processing of ATF electron beam driven particle shower	Dr SAHAI, Aakash