

20th Advanced Accelerator Concepts Workshop

Monday, November 7, 2022

WG7: Radiation Generation and Advanced Concepts: Session 1 - Salon A (1:30 PM - 3:00 PM)

-Conveners: Julia Mikhailova; John Palaastro

time	[id] title	presenter
1:30 PM	[66] Seeded FEL lasing of the COXINEL beamline driven by the HZDR plasma accelerator	Dr IRMAN, Arie
1:50 PM	[24] Multi-color operation via coherent harmonic generation in a plasma driven attosecond X-ray source	HESSAMI, Rafi
2:10 PM	[248] The Ion Channel Laser: Physics Advances and Experimental Plans	HANSEL, Claire

WG7: Radiation Generation and Advanced Concepts: Session 2 - Salon A (3:30 PM - 5:00 PM)

-Conveners: Julia Mikhailova; John Palaastro

time	[id] title	presenter
3:30 PM	[53] Status report on nonlinear Compton scattering study	SAKAI, Yusuke
3:50 PM	[198] HIGH-BRILLIANCE COMPTON LIGHT SOURCES BASED ON CO ₂ LASERS	POGORELSKY, Igor
4:10 PM	[252] Nonlinear Thomson Scattering with Ponderomotive Control	RAMSEY, Dillon
4:30 PM	[191] Superradiance and temporal coherence in the non-linear blowout regime	MALACA, Bernardo

Tuesday, November 8, 2022

WG7: Radiation Generation and Advanced Concepts: Session 4 - Salon A (3:30 PM - 5:00 PM)

-Conveners: Julia Mikhailova; John Palastro

time	[id] title	presenter
3:30 PM	[19] Status and Prospects for the Plasma-driven Attosecond X-ray (PAX) source experiment at FACET-II	EMMA, Claudio
3:50 PM	[192] Laser-Plasma Acceleration Driven Electron Radiography of High Energy Density Materials on the OMEGA-EP Laser	SHAW, Jessica
4:10 PM	[205] High Resolution Radiography with Self-Modulated and Blowout Regime Laser Wakefield Acceleration generated X-ray sources	PAGANO, Isabella
4:30 PM	[251] High-energy two-color terahertz generation	SIMPSON, Tanner