

# 34-th European Conference on Laser Interaction with Matter (ECLIM2016)

September 18-23, 2016, Moscow (Russia)

## September, 21 (Chair: ) - Wednesday

09:00 - 09:15	<b>Semerok.</b> Laser methods development for nuclear technologies	We1_O
09:15 - 09:30	<b>Zepf.</b> Attosecond Control of Relativistic Electron Bunches using Two-Colour Fields	We2_O
09:30 - 09:45	<b>Rykovanov.</b> Towards table-top Inverse Compton Scattering Sources	We3_O
09:45 - 10:00	<b>Yeung.</b> Bright, laser-driven, high harmonic XUV radiation from relativistic plasmas using two-colour fields	We4_O
10:00 - 10:15	<b>Bartnik.</b> Photoionized plasmas induced using EUV sources driven by nanosecond laser pulses	We5_O
10:15 - 10:45	<b>Teubner.</b> Laser-induced shock waves on microscale	We6_Inv
10:45 - 11:00	COFFEE	
11:00 - 11:30	<b>Bulanov.</b> What can we learn from studying magnetic reconnection in laser plasmas?	We7_Inv
11:30 - 11:45	<b>Naumova.</b> Relativistic $\lambda^3$ regime: the current status	We8_O
11:45 - 12:00	<b>Burdonov.</b> Proton acceleration experiments at PW-class PEARL facility	We9_O
12:00 - 12:15	<b>N.Yu.Orlov.</b> Theoretical and experimental studies of plasma properties in combined laser - heavy ion beam experiments	We10_O
12:15 - 12:30	<b>Jingwei Wang.</b> Phase-locked, fully-loaded operation of plasma channel undulator	We11_O
12:30 - 12:45	<b>Horny.</b> Numerical Study of the Temporal Profile of the Betatron Radiation Pulse in the Wiggler Regime	We12_O
12:45 - 14:00	LUNCH	
14:00 - 14:15	<b>Brantov.</b> Laser triggered proton acceleration from hydrogenated low-density targets	We13_O
14:15 - 14:30	<b>Domański.</b> Generation of proton beams from two-species targets irradiated by a femtosecond laser pulse of ultra-relativistic intensity	We14_O
14:30 - 14:45	<b>Metelskii.</b> Nonlinear plasma resonance in laser-produced plasma	We15_O
14:45 - 15:15	<b>Savel'ev.</b> Tailoring preplasma with prepulses: electron heating and gamma production at relativistic intensities	We16_PI
15:15 - 15:30	<b>Khaghani.</b> Proton acceleration and high energy density generation by laser irradiation of micro-pillar arrays	We17_O
15:30 - 15:45	<b>Schinkel.</b> A systematic approach to numerical dispersion in maxwell solvers	We18_O
15:45 - 16:00	<b>Yakhin.</b> Two dimensional simulations of the direct drive targets compression and burning for the megajoule laser facility	We19_O
16:00 - 16:15	<b>Dromey.</b> Ultrafast metrology of picosecond laser driven ion bursts	We20_O
16:15 - 16:30	COFFEE	
16:30 - ...	EXCURSION TO THE MEPHI. BANQUET	