

**ELI-NP SUMMER SCHOOL 2015
POSTER LIST**

No.	Participant	Poster title
1	Dr. Catalin Ticos	Electron Acceleration at the CETAL Petawatt laser facility
2	Dr. Victor Dinu	On the trident process in an ultra-intense laser pulse
3	Dr. Junghun Shin	Interferometric measurement of electron density in plasma for laser wakefield acceleration
4	Dr. Petru Ghenuche	High Field Physics and Quantum Electrodynamics at ELI-NP
5	Mr. Mohamed Ezzat	Design study of high density laser chamber and its relevance
6	Dr. Radu Vasilache	Opportunities for studies on dose and dose-rate - effects using laser accelerated particle beams
7	Mr. Julius Wilhelmy	Investigation of the gamma-decay behavior with the gamma-gamma coincidence setup γ^3 at HIGS
8	Mr. Sergey Bragin	Strong-Field QED Effects in a Laser-Proton Collision
9	Mr. Taras Chutora	Optical and dielectric parameters of modified Sn ₂ P ₂ S ₆ crystals
10	Dr. Mariana Bobeica	Design of irradiation experiments with multi-component, multi-energetic particle beams at ELI-NP
11	Dr. Madalina Boca	Polarization effects in non-linear Compton effect
12	Dr. Konstantin Burdonov	Laser-plasma particle acceleration experiments at PW-level PEARL facility
13	Mr. Ioannis Ploumistakis	Investigations on particle anti-particle creation from laser induced ultra-strong electromagnetic fields
14	Mr. Konstantinos Perrakis	Numerical studies on ions (positive or negative) extraction and acceleration from laser produced high density plasma using a multi-fluid code
15	Mrs. Lavinia Carpen	Perspectives for plasma cleaning of large dimension optical elements used in high-power laser -material interaction
16	Dr. Annamaria Muoio	Investigation on TNSA through measurements of ion energy distribution
17	Ms. Anamaria Spataru	Inverse Compton and inverse Bremsstrahlung effects as acceleration processed in astrophysics

Note: The posters will be installed for the whole School duration in the coffee-break area.