



IZEST - ELI-NP Meeting
Extreme Light's New Horizons
Introducing Zepto and Zettawatt Science
Societal Applications

Romanian Embassy in Paris
Hotel de Béhague, 123 Rue Saint Dominique, Paris
September 17-19, 2014

Poster session, *preliminary list*

1	Asavei T.	Experimental Area for Irradiated Material Science at ELI-NP
2	Balabanski D.	Photofission experiments at the ELI-NP facility
3	Balascuta S.	Experimental area for High Fields QED Physics at ELI-NP
4	Balascuta S.	Experimental area for Laser Driven Nuclear Physics at ELI-NP
5	Balascuta S.	The search for the optimum design of the Electron Spectrometer for the High Field QED experiments at ELI-NP
6	Bénisti D.	Nonlinear growth and damping rates of an electron plasma wave
7	Cernaianu M. O.	Control Systems at ELI-NP
8	Djourelou N.	Gamma-to-Positron Converter for High Intensity and High Brilliance Positron Source at ELI-NP. Design Challenges and Simulation by GEANT4
9	Farmer J.	Control of Nonphysical Effects in Simulations of Raman and Brillouin Amplification
10	Filipescu D.M.	Photon induced reactions above neutron emission threshold at ELI-NP
11	Gangolf T.	C^3 : High intensity laser pulses from damageless optics
12	Gugiu M.M.	Electromagnetic Pulse Shielding Strategy at ELI-NP
13	Leca V.	Analytical Methods Based on Positrons
14	Lehmann G.	Non-filamentated ultra-intense and ultra-short pulses in Raman seed amplification
15	Moustaizis S.	Investigations on the Development of a Compact Laser Based High Flux Neutron Device within the ELI-NP Pillar
16	Neagu L.	Laser Beam Delivery at ELI-NP
17	Petrone C.	Gamma spectroscopy in laser driven experiments
18	Seto K.	Investigation of Radiation Reaction for High-Field Electrodynamics in ELI-NP
19	Tesileanu O.	Detection of Charged Particles at ELI-NP:



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		Astrophysics and Nuclear Structure
20	Tesileanu O.	Research Activity 5: Experiments with combined laser and gamma beams
21	Ur C.A.	Nuclear Resonance Fluorescence Studies and Applications at ELI-NP
22	Ur C.A.	Gamma Beam Delivery and Diagnostics at ELI-NP
23	Schluck F.	Transverse effects in laser-plasma based amplification via strongly coupled Brillouin scattering
24	Yin S.	Light fan driven by relativistic laser pulse
25	Zhang X.	High-energy proton generation driven by ultra-intense laser