



Contribution ID: 34

Type: **not specified**

EXTREME LIGHT INFRASTRUCTURE –NUCLEAR PHYSICS (ELI-NP): STATUS AND PERSPECTIVES

Wednesday, 6 July 2016 09:30 (20 minutes)

Extreme Light Infrastructure –Nuclear Physics (ELI-NP), the new Research Center under construction in Bucharest-Magurele, will use extreme electromagnetic fields, produced by a high power laser system (2x10PW) and by a very brilliant gamma beam (up to 20 MeV), for nuclear physics research. The status of the Project implementation, which started in 2013, will be presented. The new Center, valued approx. 300 Meuros, will be operational in 2019. The scientific program under implementation, especially the main directions of the envisioned applied research will be presented.

Primary author: Prof. ZAMFIR, N.V. (ELI-NP, National Institute for Physics and Nuclear Engineering, Bucharest--Magurele, Romania)

Presenter: Prof. ZAMFIR, N.V. (ELI-NP, National Institute for Physics and Nuclear Engineering, Bucharest--Magurele, Romania)

Session Classification: Introduction to Single Cycle High Energy Physics and Applications