

## **ELITPC detector with GET electronics for ELI-NP**

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The ELITPC, an active-target TPC to measure cross-sections for nuclear photo-disintegration reactions, is being developed at the University of Warsaw in collaboration with ELI-NP/IFIN-HH and the University of Connecticut. The detector will be installed in the monochromatic and linearly polarized gamma-ray beam line in the Extreme Light Infrastructure - Nuclear Physics (ELI-NP) located in Bucharest-Magurele, Romania.

The ELITPC detector will be equipped with triple-GEM structure for gas amplification and will work at lower-than-atmospheric pressure. The data acquisition system will employ 1024 channels of customized GET electronics (z-CoBo). The physics programme, design and current status of R&D will be discussed.

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