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## THE TURN-KEY CONTROL SYSTEM FOR THE ELI-NP GAMMA BEAM SYSTEM

*Tuesday, September 20, 2016 10:10 AM (20 minutes)*

This talk describes the ELI-NP Gamma Beam System (GBS) turn-key Control System. It is based on EPICS and developed by Cosylab as part of EuroGammas consortium. System is ready for installation at Magurele RO. It will enable configuration and monitoring of all major sub-systems along the 100 m electron linac. Presentation will touch hardware integration, micro-bunches diagnostics, high level applications, the data network and the pico-second timing system.

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