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## GERDA Phase II and the future of Ge-76 experiments

*Friday 24 July 2015 09:00 (15 minutes)*

The GERDA experiment searches for the neutrinoless double-beta decay of Ge-76 by operating an array of Ge detectors directly in liquid argon. After a first successful phase of data taking (Phase I), the apparatus is currently being upgraded to double the target mass (up to 38 kg) and to further reduce the background index ( $<0.001$  cts/keV/kg/yr). Results from the on-going hardware commissioning and perspective for the approaching Phase II of data taking will be presented.

### additional information

presented on behalf of the GERDA Collaboration

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