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Type: **Talk**

GeMPI-Neo - A next generation material screening station

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This talk presents the next generation screening detector, GeMPI-Neo, which is currently being developed at MPIK in collaboration with LNGS. Based on a full decomposition of the background spectrum of the existing GeMPI detectors a new and improved shield design for GeMPI-Neo was developed. Additionally GeMPI-Neo will employ two HPGe detectors for greater sensitivity in order to meet the needs of current and future rare event experiments.

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