

Nuclear reactor monitoring with gadolinium-loaded plastic scintillator modules

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In this talk, simulation-based design and optimization studies of a gadolinium-loaded segmented plastic scintillator detector are presented for monitoring applications of nuclear reactors in Turkey using antineutrinos. Synthesize and characterization results of gadolinium-loaded plastic scintillators samples are discussed.

Abstract title

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Primary author: OZTURK, Sertac (Istinye University)

Presenter: OZTURK, Sertac (Istinye University)

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