

Modelling of the anti-neutrino emissions from an Advanced Gas-cooled Reactor

Wednesday, 20 September 2023 09:00 (20 minutes)

The Hartlepool Advanced-Gas-cooled Reactor (AGR) design will be described and results from simulations of the anti-neutrino emissions from the reactors based on actual in-core data presented. The potential for siting small antineutrino detectors on site and performing near-field measurements and stand-off measurements will also be discussed.

Abstract title

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Session Classification: Flux and spectrum prediction