

Latest results from CONUS

Wednesday, June 12, 2024 12:10 PM (20 minutes)

The CONUS experiment was operated inside an optimized shield at the Brokdorf nuclear power plant which provided a reactor antineutrino flux of up to $2.3 \cdot 10^{13}/(\text{cm}^2 \text{ s})$. The talk will cover the latest results including the final phase of data collection at this site in comparison to the rate predicted by the Standard Model. The talk will also cover limits on new physics which can be derived from these data.

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Session Classification: Talks