

# LNGS SEMINAR SERIES

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## **New results of the OPERA experiment**

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The OPERA experiment was designed to search for muon to tau neutrino oscillations. The Collaboration has taken data from 2008 to 2012 with the CNGS neutrino beam and so far has reported the observation of four tau neutrino candidates. Given the expected background, this was turned into the observation of muon to tau oscillations with a significance of 4.2 sigma. The Collaboration is extending the analysis to an additional data sample. New results will be disclosed.

This seminar will be available for streaming at: <http://streaming.lngs.infn.it/>

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**JUNE 15, 2015 – 2:30 PM**  
**LNGS - " E. FERMI " AUDITORIUM**