## **Recent results from the OPERA experiment**

Monday, 9 September 2013 16:00 (20 minutes)

"The OPERA experiment has been designed to perform the first detection of neutrino oscillations in the Nu\_mu->Nu\_tau channel, in direct appearance mode through the event by event detection of the tau lepton produced in Nu\_tau Charged Current interactions. OPERA is a hybrid detector, made of emulsion/lead target elements and of electronic detectors, placed in the CNGS muon neutrino beam from CERN to Gran Sasso, 730 km away from the source.

Neutrino interactions from the CNGS neutrino runs have been recorded from 2008 until the end of 2012. We shall report on the data sample analysed so far and give the latest OPERA results on Nu\_mu->Nu\_tau and Nu\_mu->Nu\_e oscillation searches."

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