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First neutrino events in the OPERA emulsion target

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OPERA is a long baseline neutrino oscillation experiment employing nuclear emulsions for the direct observation of tau neutrinos in the CERN to Gran Sasso CNGS muon neutrino beam. I will report on status and prospects of the experiment, which observed its first neutrino events in the lead emulsion target in summer 2007.

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Classification de Session: K physics, CP , neutrinos