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## **First results of the NA65 (DsTau) experiment at CERN-SPS**

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The NA65 (DsTau) experiment at CERN-SPS is studying tau-neutrino production process in proton-nucleus interaction and aims to improve significantly an accuracy of calculations of tau neutrino fluxes for accelerator based neutrino experiments. For detecting short lived particles (especially decaying via tau neutrino), the experiment uses a setup based on high resolution nuclear emulsions, that are fully automatically scanned after the irradiation. Although the detector registers tracks with unprecedented density of  $10^5-10^6$  tracks/cm<sup>2</sup>, the ultimate spatial and angular resolution of the emulsions allows a successful events reconstruction. The first results of the data analysis of the pilot run will be reported.

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