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## Computing neutrino fluxes with the HARP experiment

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The calculation of (conventional) neutrino fluxes require the knowledge of the parent hadron distribution. The HARP experiment has measured the production of hadrons in proton-nucleus collisions at different energies and for a variety of targets. In my talk I will focus in two examples. The calculation of the K2K neutrino flux, which has had a dramatic impact in the significance of the K2K signal and the calculation of the MiniBoone flux, which is currently being used by the MiniBoone experiment for their oscillation analysis.

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**Vendredi 30 mars 2007 à 11 heures**

**Salle André Berthelot, bât. 141**

Le café sera servi 15 minutes avant

*NB : La présentation d'une carte d'identité ou d'un passeport est exigée à l'entrée du centre. Tous les auditeurs extérieurs sont priés de prévenir à l'avance de leur visite Emilie Chancrin, tél. 01 69 08 23 50 (U.E. : délai de 24 h, hors U.E. : délai de 4 jours).*