SPC panel on Future Neutrino Facilities

Members:
R.Aleksan, A.Blondel, P.Dornan, K.Meier, A.Zalewska, F.Zwirner

SPC meeting, 17.03.2009

A.Zalewska: Introduction
F.Zwirner: The goals of neutrino physics
A.Blondel: Neutrino oscillations - experimental status
→ Panel’s past meetings:

→ Initial work (summary in the talks of F.Zwirner and A.Blondel):
   - evaluation of the goals of neutrino physics (P.Dornan, F.Zwirner)
   - review of the experimental program for neutrino oscillations
     (document of A.Blondel for J.Engelen serving as a starting point)

→ Panel’s meetings today and tomorrow
   - (1) Upgrade of the CERN accelerators - with the CERN directors
     (S.Bertolucci, S.Myers) and with other accelerator experts
   - (2) Design studies of future facilities: EURISOL, EUROnu, IDS-NF
     (M.Lindroos, R.Edgecock, K.Long)
   - (3) Accelerator R&D experiments: MERIT, MICE (I.Efthymiopoulos, A.Blondel)

→ Contacts with the neutrino community: through EuCARD/NEu2012 network
  (the members of the SPC panel got invited to the network kick-off meeting tomorrow in the afternoon)

SPC meeting, 17.03.2009
Future work and events

- the May workshop at CERN- CNGS experiments, plans for the upgrade of the CERN accelerators

- neutrino physics at the ECFA open session during the EPS conference in Krakow (18.07.2009)

- the CERN workshop dedicated to the neutrino physics in Europe (in October?)

- final report from the SPC for the December Council week