

# Program of the meeting

Feb.20, 2001

- \* Introductory remark (T.Kajita)

Session I: Atmospheric neutrino data (Chair: E.Kearns)

- \* Summary of the Super-Kamiokande atmospheric neutrino data (Y.Obayashi)
- \*  $\nu_\mu \leftrightarrow \nu_\tau$  versus  $\nu_\mu \leftrightarrow \nu_{sterile}$  and a search for CC  $\nu_\tau$  events (T.Toshito)
- \* Discussions

Session II: Cosmic ray flux data (Chair: J.Nishimura)

- \* Cosmic ray p, He and muon fluxes (T.Sanuki)
- \* Secondary gamma-ray flux (S.Torii)
- \* Comments and Discussions

Session III: Hadronic interaction models (Chair: P.Lipari)

- \* The Bartol code (T.K.Gaisser)
- \* The FLUKA code (G.Battistoni)
- \* Models used in HKKM calculation (K.Kasahara)
- \* Comments and Discussions

Feb.21, 2001

Session IV: Atmospheric neutrino flux calculations (Chair: T.Kajita)

- \* FLUKA flux (G.Battistoni)
- \* HKKM flux (M.Honda)
- \* Sources of uncertainties (P.Lipari)
- \* Propagation of uncertainties (T.K.Gaisser)
- \* Discussion on the future atmospheric neutrino data