

Session Program

1 October 2009 to 15 November 2009



Yellow Report - Future Neutrino Physics Workshop

Theory Session - convenor Silvia Pascoli

CERN, 500/1-001 - Main Auditorium

Thursday 1 October

14:00

Theory Session - convenor Silvia Pascoli

Session | **Location:** CERN, 500/1-001 - Main Auditorium

14:00–14:25

Models of Neutrino Masses and Mixings

Speaker

Guido Altarelli

Subcontributions

Review talk given by G. Altarelli (CERN)

14:25–14:45

Neutrino masses at the TeV scale and LHC signatures

Speaker

Alessandro Strumia

Subcontributions

Talk by A. STRUMIA (Pisa U. and INFN Pisa)

14:45–15:15

Discussion led by G. Ross (U. Oxford)

Speaker

Graham Ross

15:45–16:30

Neutrino phenomenology

Speaker

Thomas Schwetz-Mangold

Subcontributions

Talk by T. SCHWETZ-MANGOLD (Heidelberg U.) (15:50 - 16:15)

Discussion led by P. Hernandez (Valencia U. and IFIC) (tbc) (16:15 - 16:35)

16:30–17:05

Neutrino physics in the era of precision experiments

Speaker

B. Gavela

Subcontributions

Talk by B. Gavela (A. U. Madrid) (16:35 - 16:55)

Discussion led by S. T. Petcov (SISSA and INFN Trieste) (16:55 - 17:10)

17:05–17:40

The connection of neutrino physics with astrophysics and cosmology

Speaker

Steen Hannestad

Subcontributions

Talk by S. Hannestad (Aarhus U.) (17:10 - 17:30)

Discussion led by A. de Rujula (CERN) (17:30 - 17:45)

17:45