

SUSSP70: International Neutrino Summer School 2014 (INSS 2014)

Sunday 10 August 2014 - Friday 22 August 2014

School of Physics and Astronomy, St Andrews, Scotland

Scientific Programme

The scientific programme will include lectures on all aspects of neutrino physics by some of the world experts in their field. The following topics will be covered at the Summer School:

Introduction to the Standard Model

Pilar Hernandez, IFIC, University of Valencia

Neutrino Cross Sections

Kevin McFarland, University of Rochester

Neutrino Detection

Morgan Wascko, Imperial College London

Neutrinos in Cosmology and Astrophysics

Jenni Adams, University of Canterbury

Neutrino Mass Models

Stephen King, University of Southampton

Neutrino Oscillations

Boris Kayser, Fermilab National Laboratory

Lepton Flavour Violation

Andre de Gouvea, Northwestern University

Solar, Reactor and Atmospheric Neutrinos

Yifang Wang, IHEP, Beijing

Accelerator Neutrinos

Atsuko Ichikawa, University of Kyoto

Direct Neutrino Mass Measurements

J.J. Gomez Cadenas, IFIC, University of Valencia