

Session Program

25-30 Aug 2014

NUFACT2014, XVth International Workshop on Neutrino Factories and Future Neutrino Beam Facilities

WG1: Neutrino Physics

University of Glasgow, Western Infirmary Lecture Theatre
University Avenue Glasgow, G12 8QQ, Scotland, UK

Monday 25 August

14:30

WG1: Neutrino Physics: Impact of neutrino measurements on flavour models

Session |**Location:** University of Glasgow, Western Infirmary Lecture Theatre, University Avenue Glasgow, G12 8QQ, Scotland, UK

14:30–15:00

Neutrino masses and mixings from discrete symmetries

Speaker

Christoph Luhn

15:00–15:30

Model comparison and experimental constraints

Speaker

Dr Davide Meloni

15:30–16:00

Neutrino masses and mixings from continuous symmetries and discussion

Speaker

Dr Luca Merlo

16:00

Tuesday 26 August

11:00

WG1: Neutrino Physics: Results from present neutrino oscillation experiments

Session |

Location: University of Glasgow, Western Infirmary Lecture Theatre, University Avenue Glasgow, G12 8QQ, Scotland, UK

11:00–11:20 **MINOS/MINOS+**

Speaker

Dr Anna Holin

11:20–11:40 **T2K oscillation results**

Speaker

Christophe Bronner

11:40–12:00 **NOvA**

Speaker

Xuebing Bu

12:00–12:20 **OPERA**

Speaker

Dr Umut Kose

12:30

14:00

WG1: Neutrino Physics: Joint WG1 + WG2 session

Session |

Location: University of Glasgow, Western Infirmary Lecture Theatre, University Avenue Glasgow, G12 8QQ, Scotland, UK

14:00–14:30 **Event and Energy Reconstruction in the NOvA Experiment**

Speaker

Nicholas Raddatz

14:30–15:00 **Energy Measurement in the T2K Oscillation Analysis**

Speaker

Susan Cartwright

15:00–15:30 **NEUT development for T2K and relevance of updated 2p2h models**

Speaker

Callum Wilkinson

15:30

Wednesday 27 August

11:00

WG1: Neutrino Physics: The search for the neutrino mass hierarchy

Session |**Location:** University of Glasgow, Western Infirmary Lecture Theatre, University Avenue Glasgow, G12 8QQ, Scotland, UK

11:00–11:20

INO**Speaker**

Moon Moon Devi

11:20–11:40

PINGU**Speaker**

Joao Pedro Athayde Marcondes de Andre

11:40–12:00

Quantifying the sensitivity of oscillation experiments to the neutrino mass ordering

Speaker

Dr Mattias Blennow

12:15

Thursday 28 August

11:00

WG1: Neutrino Physics: Sterile Neutrino Searches

Session |**Location:** University of Glasgow, Western Infirmary Lecture Theatre, University Avenue Glasgow, G12 8QQ, Scotland, UK

11:00–11:20

Status of MicroBooNE and future FNAL short-baseline program

Speaker

Prof. Antonio Ereditato

11:20–11:40

Source neutrino experiments

Speaker

Dr Jonathan Link

11:40–12:00

Tagged electron neutrinos

Speaker

Francesco Terranova

12:00–12:20

Short-baseline oscillation measurements at T2K

Speaker

Javier Caravaca

12:30

Friday 29 August

11:00

WG1: Neutrino Physics: Joint session WG1 and WG4

Session |

Location: University of Glasgow, Western Infirmary Lecture Theatre, University Avenue Glasgow, G12 8QQ, Scotland, UK |

Convener: Enrique Fernandez Martinez

11:00–11:30

Testing the Standard Model with the lepton g-2

Speaker

Massimo Passera

11:30–12:00

Testing New Physics with the lepton g-2

Speaker

Paride Paradisi

12:00–12:30

IsoDAR and DAEdALUS

Speaker

Joshua Spitz

12:30

14:00

WG1: Neutrino Physics: Reactor Neutrino Experiments

Session |

Location: University of Glasgow, Western Infirmary Lecture Theatre, University Avenue Glasgow, G12 8QQ, Scotland, UK

14:00–14:20

Recent oscillation analysis results from Daya Bay

Speaker

Jie Zhao

14:20–14:40

New Results from RENO

Speakers

Hyunkwan Seo, Dr Hyunkwan Seo

14:40–15:00

Status of the Double Chooz experiment

Speaker

Dr Matthieu Vivier

15:00–15:20

The measurement of the reactor antineutrino flux and spectrum of Daya Bay Experiment

Speaker

Mr Fengpeng An

15:30

16:00

WG1: Neutrino Physics: Prospects for future neutrino oscillation facilities

Session |

Location: University of Glasgow, Western Infirmary Lecture Theatre, University Avenue Glasgow, G12 8QQ, Scotland, UK

16:00–16:20

CHIPS

Speaker

Dr Justin Evans

16:20–16:40

MIND at Neutrino Factories**Speaker**

Ryan Bayes

16:40–17:00

**Constraints on non-standard flavor-dependent interactions from
Superkamiokande and Hyperkamiokande****Speaker**

Osamu Yasuda

17:30