

Session Program

25-30 Aug 2014

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

***WG4: Muon Physics and High Intensity
applications***

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

Monday 25 August

14:30

WG4: Muon Physics and High Intensity applications

Session |

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

Convener: Akira Sato

14:30-15:00

The search for CLF violation in the MEG & MEG II experiments

Speaker

Francesco Tenchini

15:00-15:30

The Mu3e Experiment - Introduction and Current Status

Speaker

Moritz Kiehn

15:30-16:00

tau cLFV decays

Speaker

Cornelis Onderwater

16:00

Tuesday 26 August

11:00

WG4: Muon Physics and High Intensity applications

Session |

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

Convener: Francesco Tenchini

11:00–11:30

MuSun Experiment: Measuring the Rate of Muon Capture on Deuteron

Speaker

Xiao Luo

11:30–12:00

The MUSE Experiment: Studying the Proton Radius Puzzle with μp Elastic Scattering

Speaker

Katherine MESICK

12:00–12:30

Measurement of the hyperfine splitting energy of the ground-state muonic hydrogen

Speaker

Katsuhiko ISHIDA

12:30

14:00

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Convener: Yasuhiro Miyake

14:00–14:30

Search for muon to electron conversion at J-PARC MLF : Recent status on DeeMe

Speaker

Yohei Nakatsugawa

14:30–15:00

Status of the New Muonium HFS Experiment at J-PARC/MUSE

Speaker

Dr Patrick Strasser

15:00–15:30

Status of the Alcap experiment

Speaker

Phillip Litchfield

15:30

Wednesday 27 August

11:00

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Convener: Dr Patrick Strasser

11:00-11:30

J-PARC MUSE

Speaker

Yasuhiro Miyake

11:30-12:00

Tuning of the ultra slow muon beamline by utilizing ionized hydrogen.

Speaker

Taihei Adachi

12:15

Thursday 28 August

11:00

WG4: Muon Physics and High Intensity applications: J34: Joint session between WG3 and WG4

Session |

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

Convener: Yoshitaka Kuno

11:00-11:20

Status of MuSIC facility

Speaker

Yuki Matsumoto

11:20-11:40

COMET Phase-I

Speaker

Phillip Litchfield

11:40-12:10

Mu2e

Speaker

Yury Kolomensky

12:10-12:30

PRISM

Speakers

Jaroslav Pasternak, Jean-Baptiste Lagrange

12:30

Friday 29 August

14:00

WG4: Muon Physics and High Intensity applications

Session |

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14:00–14:30 **Muon $g-2$ /EDM at J-PARC**

Speaker

Katsuhiko Ishida

14:30–15:00 **$g-2$ at Fermilab**

Speaker

George M. Grange

15:30

16:00

WG4: Muon Physics and High Intensity applications

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Convener: Phillip Litchfield

16:00–16:30 **Backgrounds studies for the COMET Phase-I and Phase-II**

Speaker

Akira SATO

16:30–17:00 **COMET Phase II**

Speaker

Ajit Kurup

17:30