

Session Program

25-31 Aug 2019

**The 21st International Workshop on
Neutrinos from Accelerators (NUFACT2019)**

Working Group 3

The Grand Hotel Daegu, Dynasty hall (2F)
305 Dongdaegu-ro Suseong-gu, Daegu Republic of Korea

Tuesday 27 August

14:00

Working Group 3: Accelerator Physics-1

Session | **Location:** The Grand Hotel Daegu, Pine Hall (2F) | **Convener:** Tetsuro Sekiguchi

14:00–14:30 **J-PARC Neutrino Beamline and 1.3 MW Upgrade**

Speaker
Yuichi Oyama

14:30–15:00 **Novel Approaches to High-Power Proton Beams**

Speaker
Jeffrey Eldred

15:00–15:30 **Neutrino Source for Strile Neutrino Searches**

Speaker
Tomoyuki Konno

15:30

16:00

Working Group 3: Accelerator Physics-2

Session | **Location:** The Grand Hotel Daegu, Pine Hall (2F) | **Convener:** Mohammad Eshraqi

16:00–16:30 **Design Studies of the LBNF/DUNE Target**

Speaker
Chris Densham

16:30–17:00 **Radiation Damage Experiments (RaDIATE)**

Speaker
David Senior

17:00–17:30 **The HiRadMat and high power targetry**

Speaker
Claudio Leopoldo Torregrosa Martin

17:30

Thursday 29 August

11:00

Working Group 3: Accelerator Physics-3

Session | **Location:** The Grand Hotel Daegu, Pine Hall (2F) | **Convener:** Mohammad Eshraqi

11:00–11:30 **ESSnuSB Linac Design and Beam Dynamics**

Speaker

Dr Ben Folsom

11:30–12:00 **The accumulator ring for the ESSnuSB project - a progress report**

Speaker

Ye Zou

12:00–12:30

The Design Study of the Target Station for the ESS Neutrino Super Beam Project

Speaker

Dr Loris D'Alessi

12:30

14:00

Working Group 3: Accelerator Physics-4

Session | **Location:** The Grand Hotel Daegu, Pine Hall (2F) | **Convener:** Moses Chung

14:00–14:30

Development of New Proton Beam Monitors for J-PARC 1.3 MW Upgrade

Speaker

Megan Friend

14:30–15:00 **Novel RF Hadron Beam Monitor**

Speaker

Rolland Johnson

15:00–15:30 **Development of New Muon Monitors for J-PARC Neutrino Experiment**

Speaker

Kenji Yasutome

15:30

Friday 30 August

14:00

Working Group 3: Accelerator Physics-5

Session | **Location:** The Grand Hotel Daegu, Pine Hall (2F) | **Convener:** Rolland Johnson

14:00–14:30

NuMI Neutrino Beam Operations and Megawatt Upgrade

Speaker

Dr Yun He

14:30–15:00

Updated design studies at 25 kW for EMuS at CSNS

Speaker

Dr Nikolaos Vassilopoulos

15:00–15:30

Design of nuSTORM facility for a potential implementation at CERN

Speaker

Jaroslav Pasternak

15:30

16:00

Working Group 3: Accelerator Physics-6

Session | **Location:** The Grand Hotel Daegu, Pine Hall (2F) | **Convener:** Mohammad Eshraqi

16:00–16:30

Progress on Muon Ionization Cooling Demonstration with MICE

Speaker

Moses Chung

16:30–17:00

Measurement from MICE of Coulomb multiple scattering and energy loss

Speaker

John Nugent

17:00–17:30

Transverse/longitudinal emittance exchange in MICE

Speaker

Alan Bross

18:00

17:30–18:00

WG3 Discussion