

**Session Program**

**25-31 Aug 2019**

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

***Working Group 5***

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

## Tuesday 27 August

14:00

### Working Group 5: Neutrinos Beyond PMNS-1

**Session** | **Location:** The Grand Hotel Daegu, Plaza Hall (5F) | **Convener:** Ana M. Teixeira

14:00–14:25 **Search for heavy neutrinos with the ATLAS detector**

**Speaker**  
Federico Scutti

14:25–14:50 **Tests of neutrino mass models at CMS**

**Speaker**  
Si Hyun Jeon

14:50–15:15 **Prompt tau neutrinos at the LHC**

**Speaker**  
Yu Seon Jeong

15:15–15:40 **Study of tau-neutrino production at the CERN SPS**

**Speaker**  
Osamu Sato

15:40

16:00

### Working Group 5: Neutrinos Beyond PMNS-2

**Session** | **Location:** The Grand Hotel Daegu, Plaza Hall (5F) | **Convener:** Juan Antonio Aguilar Sánchez

16:00–16:25  
**Neutrino Oscillation measurements and BSM physics searches with Neutrino Telescopes in the Mediterranean**

**Speaker**  
Paschal Anthony Coyle

16:25–16:50  
**Neutrino oscillations and PMNS unitarity with IceCube/DeepCore and the IceCube Upgrade**

**Speaker**  
Tom Stuttard

16:50–17:15 **Prospects for BSM physics searches and NSI at Hyper-K and T2HKK**

**Speaker**  
Dr Phillip Litchfield

17:15–17:40 **Neutral Current events and new physics at nuSTORM**

**Speaker**  
Alan Bross

17:40

## Thursday 29 August

11:00

### Working Group 5: Neutrinos Beyond PMNS-3

**Session** | **Location:** The Grand Hotel Daegu, Plaza Hall (5F) | **Convener:** Carsten Rott

11:00–11:30 **SEARCH FOR EXOTIC DECAYS WITH NA62**

**Speaker**

Mathieu Perrin-Terrin

11:30–12:00 **Neutrino physics with the SHiP experiment at CERN**

**Speaker**

Chunsil Yoon

12:00–12:30 **BSM at DUNE**

**Speaker**

Kihyeon Cho

12:30

14:00

### Working Group 5: Neutrinos Beyond PMNS-4

**Session** | **Location:** The Grand Hotel Daegu | **Convener:** Jose Valle

14:00–14:30 **Radiative neutrino mass models and the flavour anomalies**

**Speaker**

Raymond Volkas

14:30–15:00

**Status of the HOLMES experiment to directly measure the electron neutrino mass with a calorimetric approach.**

**Speaker**

Dr Giovanni Gallucci

15:00–15:30 **New physics searches with SHIP**

**Speaker**

Prof. Kang Young Lee

15:30

16:00

### Working Group 5: Neutrinos Beyond PMNS-5

**Session** | **Location:** The Grand Hotel Daegu, Plaza Hall (5F) | **Convener:** Jose Valle

16:00–16:30 **New Physics and the Leptonic CP Phase Measurement**

**Speaker**

Dr Shao-Feng Ge

16:30–17:00

**Sterile Neutrinos in Astrophysical Environments : Big Bang Nucleosynthesis and Supernova Neutrino Process**

**Speaker**

Mr Dukjae Jang

17:00–17:25

**Search for Dark Matter and BSM Physics with the IceCube Neutrino Observatory**

18:00

**Speaker**

Juan Antonio Aguilar Sánchez

# Friday 30 August

14:00

## Working Group 5: Neutrinos Beyond PMNS-6

**Session** | **Location:** The Grand Hotel Daegu, Plaza Hall (5F) | **Convener:** Joshua Spitz

14:00–14:30 **Reactor short baseline neutrino experiments including NEOS.**

**Speaker**  
Yoomin Oh

14:30–15:00 **Sterile neutrino searches with the ICARUS detector**

**Speaker**  
Jae Yu

15:00–15:30 **Status of the MicroBooNE Low-energy Excess Search**

**Speaker**  
Mark Ross-Lonergan

15:40