

Session Program

21-25 May 2018



20th International Symposium on Very High Energy Cosmic Ray Interactions

Cosmic-ray experiments (Neutrinos and muons)

Nagoya University, Nagoya, Japan, Noyori conference hall
Furo-cho, Chikusa-ku, Nagoya, Aichi, Japan

Tuesday 22 May

16:10

Cosmic-ray experiments (Neutrinos and muons)

Session |**Location:** Nagoya University, Nagoya, Japan, Noyori conference hall, Furo-cho, Chikusa-ku, Nagoya, Aichi, Japan |**Convener:** Yoshinari Hayato

16:10-16:35

Improvement of Atmospheric Neutrino Prediction Accuracy with Muon Observations

Speaker

Morihiro Honda

16:35-17:00

Atmospheric neutrino flux measurement (TBC)

Speaker

Kimihiro Okumura

17:00-17:25

High-energy neutrino-nucleus interactions

Speaker

Shunzo Kumano

17:25-17:45

Testing of almost all modern models of hadronic interactions used in cosmic rays via help of the atmospheric vertical muons energy spectra

Speaker

Anton Lukyashin

17:45-18:10

Observation of Cosmic-Ray Muons in Egyptian Pyramids with Nuclear Emulsion and Discovery of New Void in Khufu's Pyramid

Speaker

Kunihiro Morishima

18:10

Wednesday 23 May

14:00

Cosmic-ray experiments (Neutrinos and muons)

Session |**Location:** Nagoya University, Nagoya, Japan, Noyori conference hall, Furo-cho, Chikusa-ku, Nagoya, Aichi, Japan |**Convener:** Sunny Seo

14:00-14:35

Cosmic neutrinos

Speaker

Markus Ackermann

14:35-15:00

Neutrino Physics with IceCube

Speaker

Spencer Klein

15:00-15:25

ANTARES and KM3NeT

Speaker

Paschal Anthony Coyle

15:25-16:00

Neutrinos from ultra-high-energy cosmic rays: present and future

Speaker

Dr Mauricio Bustamante

16:00