



# 20th International Symposium on Very High Energy Cosmic Ray Interactions

## Tuesday 22 May 2018

**Cosmic-ray experiments (Neutrinos and muons) - Noyori conference hall (16:10 - 18:10)**

**-Conveners: Yoshinari Hayato**

time	[id] title	presenter
16:10	[29] Improvement of Atmospheric Neutrino Prediction Accuracy with Muon Observations	HONDA, Morihiro
16:35	[30] Atmospheric neutrino flux measurement (TBC)	OKUMURA, Kimihiro
17:00	[31] High-energy neutrino-nucleus interactions	KUMANO, Shunzo
17:25	[40] Testing of almost all modern models of hadronic interactions used in cosmic rays via help of the atmospheric vertical muons energy spectra	LUKYASHIN, Anton
17:45	[33] Observation of Cosmic-Ray Muons in Egyptian Pyramids with Nuclear Emulsion and Discovery of New Void in Khufu's Pyramid	MORISHIMA, Kunihiro

# Wednesday 23 May 2018

## Cosmic-ray experiments (Neutrinos and muons) - Noyori conference hall (14:00 - 16:00)

-Conveners: Sunny Seo

time	[id] title	presenter
14:00	[41] Cosmic neutrinos	ACKERMANN, Markus
14:35	[42] Neutrino Physics with IceCube	KLEIN, Spencer
15:00	[43] ANTARES and KM3NeT	COYLE, Paschal Anthony
15:25	[44] Neutrinos from ultra-high-energy cosmic rays: present and future	Dr BUSTAMANTE, Mauricio