

8-8

Universe Evolution and Matter Origin

Session Organizer: Nario Kuno

Sep 26 (Tue)

Conference Room 403

Keywords

- Universe
- Elementary Particles
- Quark Nuclear Matters
- Antarctic Astronomy

Part One Chair: Shinichi Esumi, University of Tsukuba

9:30 - 9:40 **Kazuyuki Kanaya** University of Tsukuba
Opening Remark

9:40 - 10:10 **Soo-Bong Kim** Seoul National University
New Results from RENO

10:10 - 10:40 **Peter Braun-Munzinger** GSI
Hadron Production in Relativistic Nuclear Collisions from FAIR/AGS to LHC Energy and the QCD Phase Boundary

10:40 - 11:00 Break

11:00 - 11:30 **Luca Lamagna** University of Rome La Sapienza
Precision Observations of Galaxy Clusters through Broadband Spectroscopy of the Sunyaev-Zeldovich Effect

11:30 - 11:45 **Takashi Iida** University of Tsukuba
COBAND Project for Cosmic Background Neutrino Decay Search and Rocket Experiment Design

11:45 - 12:00 **Shingo Sakai** University of Tsukuba
Heavy-Flavor Physics in Heavy-Ion Collisions

12:00 - 12:15 **Yoshimasa Watanabe** University of Tsukuba
Enhancement of CH₃OH Abundance by Interactions between Molecular Clouds in a Nearby Galaxy

Part Two Chair: Naomasa Nakai, University of Tsukuba

13:30 - 13:45 **Kenichi Takemasa** University of Tsukuba
Status of Photo-Detector Developments Based on STJs for COBAND Project

13:45 - 14:00 **Yosuke Watanabe** University of Tsukuba
Charm Baryon Production in ALICE Experiment at LHC

14:00 - 14:20 **Oliver Busch** University of Tsukuba
Jet Physics in ALICE Experiment at LHC

14:20 - 14:40 **Masumichi Seta** Kwansai Gakuin University
Mapping the Milky Way in Sub-millimeter Emission Lines

14:40 - 15:00 Break

15:00 - 15:30 **Sergei Voloshin** Wayne State University
Global Polarization in Heavy Ion Collisions

15:30 - 16:00 **Hideki Okawa** University of Tsukuba
Highlights from the ATLAS Experiment

16:00 - 16:10 **Fumihiko Ukegawa** University of Tsukuba
Closing Remark