



University of Tsukuba

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筑波大学

宇宙史研究センター

Tomonaga Center for the History of the Universe

Inaugural Symposium

Tomonaga Center for the History of the Universe

March 26 – 27, 2018

University of Tsukuba, Japan

Program

Day 1: March 26, 2018 (Mon) International Conference Room, University Hall

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|---------------|---|------------------------------------|
| 9:30 – 9:50 | Registration | |
| 9:55 – 10:00 | Announcements | |
| | Fumihiko UKEGAWA | TCHoU |
| 10:00 – 11:30 | Chair: F. Ukegawa | |
| 10:00 – 10:10 | Opening Address | |
| | Kyosuke NAGATA | President, University of Tsukuba |
| 10:10 – 10:20 | Introduction to TCHoU | |
| | Kazuyuki KANAYA | Director, TCHoU |
| 10:20 – 10:30 | Division of Elementary Particles | |
| | Yuji TAKEUCHI | TCHoU |
| 10:30 – 11:20 | Higgs, a second Higgs, and where it may lead us | |
| | George W.S. HOU | National Taiwan University, Taiwan |
| 11:20 – 11:30 | Division of Quark Nuclear Matter | |
| | Shinichi ESUMI | TCHoU |
| 11:30 – 11:40 | Group photo | |



- 11:40 – 12:50 Lunch
- 12:50 – 14:50 Chair: N. Kuno
- 12:50 – 13:40 Search for the QCD Critical Point in High-Energy Nuclear Collisions
Nu XU LBNL, USA / CCNU, China
- 13:40 – 13:50 Division of Antarctic Astronomy
Naomasa NAKAI TChOU
- 13:50 – 14:40 The status of astronomical development and key research areas on
Antarctic Astronomy in Thailand
Boonrucksar SOONTHORNTHUM
National Astronomical Research Institute of Thailand,
Ministry of Science and Technology, Thailand
- 14:40 – 14:50 Division for Development of Photon and Particle Detectors
Kazuhiko HARA TChOU
- 14:50 – 15:10 Break
- 15:10 – 17:45 Chair: S. Esumi
- 15:10 – 16:00 SOI Pixel Detector – Looking into History of Universe
Yasuo ARAI KEK, High Energy Accelerator Research Organization
- 16:00 – 16:50 Reactor Neutrino Physics and Prospect
Soo-Bong KIM Seoul National University, Korea
- 16:50 – 17:40 Origin of Heavy Elements in the Universe: r-Process Nucleosynthesis
Shunji NISHIMURA RIKEN
- 17:40 – 17:45 Closing Remarks
Fumihiko UKEGAWA TChOU
- 18:00 – 20:00 Discussion