

QUPosium2022

Tuesday, December 13, 2022

Plenary Session: Particle Physics with New Eyes 1 - Medium Hall 300 (9:40 AM - 12:00 PM)

-Conveners: Daniela Bortoletto

| time | [id] title | presenter |
|---------|--|-------------------|
| 9:50AM | [1] Welcome and scope of the symposium | HAZUMI, Masashi |
| 10:00AM | [2] Keynote Theory | MURAYAMA, Hitoshi |
| 11:00AM | [3] Keynote Exp | HOECKER, Andreas |

Plenary Session: Particle Physics with New Eyes 2 - Medium Hall 300 (1:30 PM - 3:30 PM)

-Conveners: Volodymyr Takhistov

| time | [id] title | presenter |
|--------|--|------------------|
| 1:30PM | [4] Some cutting-edge technologies in neutrino property measurements and proton decay searches | ICHIKAWA, Atsuko |
| 2:30PM | [5] Flavor | GERSHON, Tim |

Plenary Session: Particle Physics with New Eyes 2 - Medium Hall 300 (4:00 PM - 5:50 PM)

-Conveners: Volodymyr Takhistov

| time | [id] title | presenter |
|--------|---|---------------------|
| 4:00PM | [6] Quantum sensors in search of ultralight dark matter | BUDKER, Dmitry |
| 5:00PM | [7] Axion DM searches overview | SEMERTZIDIS, Yannis |

Wednesday, December 14, 2022

Plenary Session: Universe with New Eyes - Medium Hall 300 (9:00 AM - 12:25 PM)

-Conveners: Tijmen de Haan

| time | [id] title | presenter |
|---------|-----------------------------|------------------|
| 9:00AM | [8] Keynote Theory | LINDE, Andrei |
| 9:50AM | [9] Keynote Exp | STAGGS, Suzanne |
| 10:40AM | [10] JWST | EGAMI, Eiichi |
| 11:30AM | [11] LiteBIRD | MONTIER, Ludovic |
| 12:00PM | [13] Hot topic in Cosmology | SCOTT, Douglas |

Thursday, December 15, 2022

Plenary Session: Applications of New Eyes - Medium Hall 300 (9:00 AM - 12:00 PM)

-Conveners: Javier Montejo Berlingen

| time | [id] title | presenter |
|---------|--|--------------------|
| 9:00AM | [17] Quantum sensors | DU, Jiangfeng |
| 10:00AM | [18] Recent developments of muon microscopes | NAGATANI, Yukinori |
| 10:30AM | [19] Neural Decoding of Human Language Processing using MEG | SAKAI, Hiromu |
| 11:00AM | [20] The relationship between micro- and macro-physics and micro- and macro-perception | ZEKI, Semir |

Plenary Session: Systemology - Medium Hall 300 (1:30 PM - 4:30 PM)

-Conveners: Naohito Saito

| time | [id] title | presenter |
|--------|--|-------------------|
| 1:30PM | [21] Introduction | MITSUDA, Kazuhisa |
| 1:40PM | [22] Keynote, R&D Experiences Initiated by Wants and Visions | KIKUCHI, Noboru |
| 2:40PM | [23] Current Methods and a Future Vision for Mission Concept Systems Development at NASA | TRANGSRUD, Amy |
| 3:30PM | [24] Systems Engineering Practices for SPHEREx | ROCCA, Jennifer |
| 4:10PM | [25] Concluding remarks | HAZUMI, Masashi |