

GP-PU

2022 Autumn

Progress status presentation

Online(ZOOM), Oct.5, 2022

| グループA | | | | | グループB | | | | |
|-------------|----------------|-------|--------|---|-------------------|-------|--------|--|--|
| Time | Name | Grade | Field | Title | Name | Grade | Field | Title | |
| 10:00-10:15 | 佐藤元太 | D2 | 天文 | The evolution of the large-scale planar structure formed by the Milky Way's satellite galaxies | 坂尾珠和 | D2 | 核実 | Λ Beam Polarization Analysis for the Comming Λ p Spin Observable Measurement | |
| 10:15-10:30 | 斎藤展 | D2 | 天文 | Time Evolution of Luminosity of Extremely Luminous Supernovae | 秋山タケル | D2 | 核実 | My research progress: in JLab and MAMI | |
| 10:30-10:45 | 奥山和樹 | D2 | 核実 | Recent activities at Mainz and progress of JLab experiment | 定成健児エリック | D2 | 天文 | Effect of magnetic field amplification on the first star binary formation | |
| 10:45-11:00 | 梶川俊介 | D2 | 核実 | Progress report : Development of CIRASAME firmware and analysis of EMPHATIC experiment | 土本菜々恵 | D1 | 天文 | Signatures of heavy elements synthesized in the neutron star merger | |
| 11:00-11:10 | (break) | | | | (break) | | | | |
| 11:10-11:25 | Legris Clement | D1 | 核実 | Determination of the proton charge radius using low-energy electron scattering | 中村陸生 | D2 | ニュートリノ | Study on a sensitivity improvement for $0\nu 2\beta$ in KamLAND-Zen 800 | |
| 11:25-11:40 | 郷家大雅 | D1 | 核実 | Proton radius measurement by low-energy electron scattering | 酒井汰一 | D1 | ニュートリノ | Geo-neutrino measurement with KamLAND | |
| 11:40-11:55 | 桑田明日香 | D1 | 天文 | Synchrotron Polarization of Gamma-Ray Burst Afterglow Shocks with Hydrodynamic-scale Turbulent Magnetic Field | Mao Zhiying | D2/D3 | 天文 | Progress report: Understanding galaxy quenching | |
| 11:55-12:10 | 大工原一貴 | D1 | 天文 | Probing the physical mechanisms to regulate star formation activities at the cosmic noon | 鎌田健人 | D1 | 核実 | Feasibility study for measurement of $\Sigma \rightarrow \Lambda \gamma$ decay rate in nuclear matter | |
| 12:10-13:00 | (lunch) | | | | (lunch) | | | | |
| 13:00-13:15 | 横倉孝洋 | M2 | 素論 | Study of the phase diagram of QCD by using 't Hooft anomaly | Laishram Ronaldo | D1 | 天文 | Spatially resolved H α and stellar continuum maps and sizes of star-forming galaxies and their properties at $z \sim 0.4$. | |
| 13:15-13:30 | 東方海露 | M2 | 核実 | Status of the Kaon ID counter R&D for the SIDDHARTA-2 experiment at DAFNE | Wardana Mochammad | M2/D1 | 天文 | The dark matter distribution in dwarf spheroidal galaxies | |
| 13:30-13:45 | 永塚穂里 | M2 | ニュートリノ | Search for supernova neutrinos and constraint on the galactic star formation rate with the KamLAND data | 辻竜太郎 | D2 | 核理 | Nucleon structure from lattice QCD | |
| 13:45-14:00 | 金湧基 | M2 | 天文 | High-Energy Gamma-Ray Emission from Black Hole Magnetospheres | 松本萌未 | D1 | 核理 | Improvement of microscopic theory for nuclear collective motion | |
| 14:00-14:10 | (break) | | | | (break) | | | | |
| 14:10-14:25 | 松井理輝 | M2 | 天文 | Neutrino signals associated with gravitational-wave | 大浦文也 | M2 | 核実 | Study of the charge symmetry breaking in many-body systems of a hyperon and nucleons | |
| 14:25-14:40 | 鈴木善久 | M2 | 天文 | The Milky Way Tomography with Hyper Suprime-Camera | 室越琳生 | M2 | 天文 | Study of the early universe using high-precision CMB observations | |
| 14:40-14:55 | 橘昂我 | M2 | 核実 | Development status of new Electron Veto counter | 天崎賢至 | M2 | 天文 | Observation of cosmic microwave background polarization, and deepening of our understandings against astronomical dust emission | |
| 14:55-15:10 | 木野量子 | M2 | 核実 | Status of the experiment to investigate Hypertriton | | | | | |

URL for ZOOM pre-registration and QR Code

https://us02web.zoom.us/join/join?from=addon=us02web.zoom.us/meeting/register/tZUrf-qqqz0iEtD-TNO_7cpvUN_BYq6moywl

For participants please pre-register at any time with the QR code on the right using Tohoku Univ. email address.

(参加される方は随時右のQRコードにより東北大Eメールアドレスを使って事前登録をしてください。)

