

SKACH Winter Meeting

Monday, 22 January 2024

Monday afternoon: HPC - Room 328, 3rd floor (13:00 - 14:00)

-Conveners: Victor Holanda

| time | [id] title | presenter |
|-------|---|-----------------|
| 13:00 | [8] Computing Platforms and Infrastructure Program Update | HOLANDA, Victor |
| 13:20 | [9] Quantum Computing & Radio Astronomy | TOLLEY, Emma |
| 13:40 | [7] Compression for Extreme-Scale Computing: A Case Study of SPH-EXA's I/O architecture | ZHU, Yiqing |

Monday afternoon: Data Science & Simulations - Room 328, 3rd floor (14:00 - 15:00)

-Conveners: Darren Reed

| time | [id] title | presenter |
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| 14:00 | [12] Map-to-map translation of simulated galaxies with conditional GANs | Dr DENZEL, Philipp |
| 14:20 | [5] Forward Modeling of 21cm Intensity Mapping: Updates from the ETHZ Cosmology Group and the FHNW | MACHADO POLETTI VALLE, Luis Fernando |
| 14:40 | [10] Model and Exploratory Analysis of HI Content in the Halo Occupancy Method | Dr BIANCO, Michele |

Monday afternoon: Data Science & Imaging - Room 328, 3rd floor (15:30 - 16:30)

-Conveners: Emma Tolley

| time | [id] title | presenter |
|-------|---|------------------|
| 15:30 | [14] Bluebild: A Next Generation Radio Interferometric Imager | KRISHNA, Shreyam |
| 15:50 | [6] Self-Supervised Learning for MeerKAT Images | LASTUFKA, Erica |
| 16:10 | [16] STAR (STochastic Astronomical TURBO) | DROZDOVA, Mariia |

Monday afternoon: SKACH Data Challenge - Results and Future Plans - Room 328, 3rd floor (16:30 - 18:00)

| time | [id] title | presenter |
|-------|--|-----------------|
| 16:30 | [29] SKACH Data Challenge - Results | BIANCO, Michele |
| 16:50 | [23] SKACH Data Challenge - Future Plans | TOLLEY, Emma |