

Paris workshop on Bayesian Deep Learning for Cosmology and Time Domain Astrophysics

jeudi 23 juin 2022

Cosmology - Buffon Amphitheater (11:10 - 12:30)

| time | [id] title | presenter |
|-------|---|--|
| 11:10 | [129] Unraveling the role of cosmic velocity field in dark matter halo mass function using deep learning | ABBASGHOLINEZHAD, Erfan ETEZAD RAZAVI, Saba |
| 11:30 | [112] Graph-Convolutional Neural Networks for large-scale structure clustering | FARSIAN, Farida |
| 11:50 | [115] Maximum-A-posteriori estimate with Deep generative NEtworks for Source Separation (MADNESS) | BISWAS, Biswajit |
| 12:10 | [116] Interpreting non-Gaussian posterior distributions of cosmological parameters with normalizing flows | DOUX, Cyrille |

Cosmology: remote talks - Buffon Amphitheater (16:20 - 17:20)

| time | [id] title | presenter |
|-------|--|-------------------------|
| 16:20 | [111] Deblending Galaxies with Generative Adversarial Networks | HEMMATI, Shoubaneh |
| 16:40 | [133] Galaxies and Halos on Graph Neural Networks: Deep Generative Modeling Scalar and Vector Quantities for Intrinsic Alignment | JAGVARAL, Yesukhei |
| 17:00 | [70] COSMOPOWER: Deep Learning - accelerated Bayesian inference from next-generation cosmological surveys | SPURIO MANCINI, Alessio |