# Sixteenth Marcel Grossmann Meeting

# Wednesday, 7 July 2021

**Machine Learning in Astronomy: AGN, Transient Events, Cosmology and Others: Block 1** (06:30 - 09:30)

 -**Conveners: Yu Wang; Rahim Moradi**

| time | [id] title | presenter |
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| 06:30 | [722] Deep Learning in Searching the Spectroscopic Redshift of Quasars | RASTEGAR NIA, Fatemeh |
| 06:50 | [246] Estimating the photometric redshifts of galaxies using regression techniques | MOMTAZ, Aidin<br>Mr SALIMI, MohammadHossein |
| 07:10 | [404] Deep learning to cluster continuous gravitational wave candidates in broad searches | BEHESHTIPOUR, Banafsheh |
| 07:30 | [96] On parameters of fractal distribution of relic wormholes | Ms VLADYKINA, Polina |
| 07:50 | [785] Encoding large scale cosmological structure with Generative Adversarial Networks | DECELLE, Aurélien |
| 08:10 | [788] Cosmological Density Field Emulation and Gravitational Wave Inference based on Dimensionality Reduction and Supervised Machine Learning | Mr CONCEIÇÃO, Miguel |
| 08:30 | [800] Unsupervised photometric detection of cluster candidates in large surveys | CARVALHO, Ana |
| 08:50 | [895] Machine Learning based classification of blazar candidates of an unknown type (BCUs) | VARDANYAN, Vazgen |