

EuroHPC Summit Week 2020

Wednesday 25 March 2020

PRACEdays20 Scientific Parallel Track "Astrophysics" - Douro Norte (14:30-16:00)

| time | [id] title | presenter |
|-------|---|-------------------|
| 14:30 | [35] Multi-scale simulations of the formation of early cosmic structures and the reionization of the universe | ILIEV, Ilian |
| 14:50 | [36] Interplay of Turbulence and Reconnection for Particle Acceleration in Astrophysical Systems | LAPENTA, Giovanni |
| 15:10 | [37] Coding the Cosmos: A New Generation of Superstring Simulations | MARTINS, Carlos |
| 15:30 | [38] Energy Transfer across Boundary Layers in the Earth's Magnetosphere | NAKAMURA, Takuma |

PRACEdays20 Scientific Parallel Track "Astrophysics" - Douro Norte (16:30-18:00)

| time | [id] title | presenter |
|-------|--|-------------------|
| 16:30 | [39] First full global 6D hybrid-Vlasov simulation of the near-Earth space | PALMROTH, Minna |
| 16:50 | [40] The SPHINX simulations of the first billion years of galaxy evolution and cosmic reionisation | ROSDAHL, Joakim |
| 17:10 | [41] Obelisk - Radiation hydrodynamical simulation of the formation of a proto-cluster | TREBITSCH, Maxime |
| 17:30 | [42] Surprises in three dimensional models of planet migration | MCNALLY, Colin |