Contribution ID: **6**   Type: **Oral**

Numerical Astrophysics at INAF-OAPa: an overview and future perspectives

Thursday, 15 June 2023 12:55 (15 minutes)

In this talk, I will outline the activities in the field of numerical astrophysics at INAF-OAPa and the role of the local Sistema Computazionale per l'Astrofisica Numerioca (SCAN). The availability of local computational resources fostered the realization of serveral astrophysics projects, representing a springboard for large computational programs which used massive international HPC systems. I will present a few remarks on the future of such clusters in the PNRR and Exa-scale computing era, from a INAF research structure perspective.

Primary author: BOCCHINO, Fabrizio (Istituto Nazionale di Astrofisica (INAF))

Presenter: BOCCHINO, Fabrizio (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Cosmological Simulation, Jet Pulsar Wind Nebulae (PWN), Mergers and Explosive Events, Other Simulations

Track Classification: Cosmological Simulation, Jet Pulsar Wind Nebulae (PWN), Mergers and Explosive Events, Other Simulations