

# Matteo Nori

## SPACE ECONOMY

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### ARTICOLI SU RIVISTA SCIENTIFICA

ELGAMAL S., NORI M., MACCIÒ A. V., BALDI M., WATerval S.

**No Catch-22 for fuzzy dark matter: testing substructure counts and core sizes via high-resolution cosmological simulations**

Monthly Notices of the Royal Astronomical Society, 2024, vol.532, no. 4, pp.4050–4059

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**Fuzzy Aquarius: evolution of a Milky-way like system in the Fuzzy Dark Matter scenario**

Monthly Notices of the Royal Astronomical Society, 2023, vol.522, no. 1, pp.1451–1463

WATERVAL S., ELGAMAL S., NORI M., PASQUATO M., MACCIÒ A. V., BLANK M., DIXON K. L., KANG X., IBRAYEV T.

**NIHAO – XXVIII. Collateral effects of AGN on dark matter concentration and stellar kinematics**

Monthly Notices of the Royal Astronomical Society, 2022, vol.514, no. 4, pp.5307–5319

PASQUATO M., ABBAS M., TRANI A. A., NORI M., KWIECINSKI J. A., TREVISAN P., BRAGA V. F., BONO G., MACCIÒ A. V.

**Sparse Identification of Variable Star Dynamics**

The Astrophysical Journal Supplement, 2022, vol.930, no. 2, pp.161

GARALDI E., NORI M., BALDI M.

**Dynamic zoom simulations: A fast, adaptive algorithm for simulating light-cones**

Monthly Notices of the Royal Astronomical Society, 2020, vol.499, no. 2, pp.2685–2700

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**Scaling relations of fuzzy dark matter haloes – I. Individual systems in their cosmological environment**

Monthly Notices of the Royal Astronomical Society, 2020, vol.501, no. 1, pp.1539–1556

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**Lyman  $\alpha$  forest and non-linear structure characterization in Fuzzy Dark Matter cosmologies**

Monthly Notices of the Royal Astronomical Society, 2019, vol.482, no. 3, pp.3227–3243

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**AX-GADGET: a new code for cosmological simulations of Fuzzy Dark Matter and Axion models**

Monthly Notices of the Royal Astronomical Society, 2018, vol.478, no. 3, pp.3935–3951

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**Unveiling the nature of the unidentified gamma-ray sources VI: gamma-ray blazar candidates in the WISH survey and their radio properties**

The Astrophysical Journal Supplement, 2014, vol.212, no. 1, pp.1–8

MASSARO F., D'ABRUSCO R., GIROTTI M., PAGGI A., MASETTI N., TOSTI G., NORI M., FUNK S.

**Unveiling the nature of the unidentified gamma-ray sources. III. Gamma-ray blazar-like counterparts at**

## PROCEEDINGS/PRESENTATIONS

ROSSI A., IACOMINO C., SAPUTO A., NORI M., COLANTONI F., VENTRE F.

**Long term effects of the mitigation and remediation measures in view of the changing space activities**

*Second International Orbital Debris Conference (IOC II), December 4–7, 2023, Sugar Land, TX, Stati Uniti d'America*

DI PIPPO S., IACOMINO C., ROSSI A., NORI M., SAPUTO A., VENTRE F., COLANTONI F.

**Towards a Bottom-Up Approach to Space Debris Removal: On the Economic Convenience Behind Debris Mitigation Strategies**

*74th International Astronautical Congress – 'Global Challenges and Opportunities: Give Space a Chance' - 2-6 October, 2023, Baku, Azerbaijan*

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