Matteo Nurisso, Ph.D. student

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🌐 https://mnurisso.github.io/
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Education

2018 – 2022	🔖	**Ph.D. Candidate, SISSA** Astrophysics and Cosmology. *Supervisors: Annalisa Celotti and Andrea Mignone*
2014 – 2018	🔖	**Master Degree , University of Turin** Astrophysics and Theoretical Physics. Thesis title: *Anisotropic Cosmic Ray transport in the galaxy with PLUTO.* *Supervisors: Andrea Mignone and Nicolao Fornengo*
2011 – 2014	🔖	**Bachelor Degree , University of Turin** Physics. Thesis title: *The Heisenberg model and the Bethe Ansatz.*

Research Publications

1 Nurisso, M., Celotti, A., Mignone, A., & Bodo, G. (in prep). Particles acceleration with magnetic reconnection in large scale mhd simulations: I. current sheet identification and characterization. *ArXiV*. Retrieved from 🔗 arxiv:22??.????

2 Nurisso, M. (2018). *Anisotropic cosmic ray transport in the galaxy with pluto* (MSc thesis, Astrophysics and Theoretical Physics, University of Turin).

Skills

Languages	🔖	Strong reading, writing and speaking competencies for English and Italian. Moderate reading, writing and speaking competencies for French.
Coding	🔖	c, c++, Python, LaTeX, …
Misc.	🔖	Git, Github, IDL, Visit, Linux, Slurm, MPI, OpenMP, PLUTO code …

Miscellaneous Experience

Conferences

2020	🔖	**EuroScience Open Forum 2020** (Trieste)

Workshops

2022	🔖	**SCtrain training week**: Introduction to Parallel Programming
2021	🔖	**Machine Learning Lectures** Cluster of Galaxies IFPU group
2020	🔖	**Deep Learning Day** AI Student Society

Science Communication

2021	🔖	**Science Communication** mini-course
2019	🔖	**Training and Sharing**: Best practices in Science Communication
	🔖	**Science Dialogues**: training course on Science Communication

Outreach

2020	▮	**Trieste Next** volunteer
2018 – present	▮	**Sissa4Schools** volunteer
2018-2021	▮	**SISSA Student Day** speaker
2017	▮	**ICPS** volunteer
2013 – present	▮	Vice-president of **Silviadizenzero**, active in Climate Science outreach

References

Prof Annalisa Celotti	**Prof Andrea Mignone**	**Prof Gianluigi Bodo**
Full Professor	Associate Professor	Associate Astronomer
SISSA	University of Turin	INAF
celotti@sissa.it	amignone@to.infn.it	gianluigi.bodo@inaf.it