

Luca Pezzini
Vicolo Fossale 5
Occhieppo Inf.
Italy 13897
☎ (+39) 338 132 3114
✉ luca.pezzini93@gmail.com

Institutet för Rymdfysik in Kiruna
Bengt Hultqvists väg 1
SE-981 92 Kiruna

October 14, 2020

Contact information of my supervisors:

Prof. Giovanni Lapenta

- Position: Professor in KU Leuven
- mail: giovanni.lapenta@kuleuven.be
- cell: (+32) 16 32 79 65

Giovanni Lapenta is a full Professor with KU Leuven. Lapenta's interests include machine learning and artificial intelligence applied to the field of data from simulation and observations of space, astrophysics and laboratory plasmas. His recent activity include the use of ML to analyze solar observations and in situ spacecraft data with the goal of identifying patterns that can lead to more accurate predictions. Lapenta uses unsupervised learning to extract information from very high dimensional simulation data sets to identify extreme events and rare features. He is the coordinator of the European Commission H2020 project AIDA and he is the editor of the journal Nonlinear Processes in Geophysics.

Prof. Andrea Mignone

- Position: Professor in UniTo
- mail: mignone@to.infn.it
- cell: (+39) 011 670 7450

Andrea Mignone is an Associate Professor at the Physics Department, University of Torino. Mignone's main research interests focus on computational modelling of astrophysical fluid flows with applications to accretion/ejection systems (accretion disks, jets from Young Stellar Objects and Active Galactic Nuclei), radiative shocks, fluid instabilities and Large Eddy Simulations. Mignone is the main developer of the PLUTO code for astrophysical fluid dynamics and plasma flow, is working to maintaining and distributing it.

Yours faithfully,

Luca Pezzini