

# Andrea Fontana

INFN researcher



## Contact

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## Languages

Italian mother tongue  
English & French fluent  
Japanese essential

## Codes

Fortran, C & C++, Python,  
bash, ROOT, Gnuplot,  
html, LaTeX

## Research interests

INFN researcher expert in numerical modeling, montecarlo simulation and data analysis.

## Employment and Education

2008-today	<b>INFN</b> <i>Researcher (permanent)</i> Projects: Remix, Quantep, Metrics, Pasta, MC-INFN, Aegis.	Sezione di Pavia
2005-2008	<b>INFN</b> <i>Researcher (fixed-term)</i> Projects: Panda, Finuda.	Sezione di Pavia
1998-2005	<b>University of Pavia</b> <i>Post-doc researcher</i> Projects: N2P, Euritrack, GrC, Athena.	Physics Department
1994-1997	<b>University of Pavia</b> <i>Ph.D. in Physics</i> Project: Obelix. Thesis: <i>Studio dell'annichilazione <math>\bar{p}p \rightarrow 2\pi^+ 2\pi^- \pi^0</math> in volo</i>	Ph.D.
1993-1994	<b>INFN</b> <i>Scholarship</i> Project: Obelix.	Sezione di Pavia
1992	<b>University of Pavia</b> <i>M.Sc. in Physics (score 110/110 cum laude)</i> Thesis: <i>Analisi di risonanze mesoniche nell'annichilazione antiprotono-protono</i>	Degree
1987	<b>Liceo Classico Ugo Foscolo of Pavia</b> Baccalaureat (score 60/60)	Gymnasium

## Teaching

Contract professor at the Department of Physics of the University of Pavia.

2018-2021	<b>University of Pavia</b> Radioactivity II: <i>Nuclear Astrophysics</i> Nuclear Physics Lab II: <i>Vacuum Physics</i>	Physics Department
2008-2018	<b>University of Pavia</b> Radioactivity II: <i>Nuclear Astrophysics and neutrino Physics</i> Ph.D. School in Physics: <i>Data analysis and information</i>	Physics Department
1997-today	<b>Theses</b> Supervisor for graduation theses (12 M.Sc., 15 Diploma) and Ph.D. theses (3 doctorates).	University of Pavia

## Publications

<https://scholar.google.com/citations?user=i6fSXMgAAAAJ>

Referee for Nuclear Instruments and Methods, Frontiers in Physics, Physics in Medicine and Biology, Medical physics, Radiation Oncology and Radiation & Applications.