



Francesco Coppini

Email address: francesco.coppini@uniroma1.it

● EDUCATION AND TRAINING

11/2017 – 02/2021 Rome, Italy

PHD Università di Roma, "La Sapienza"

Field of study Theoretical Physics |

Thesis Towards the theory of anomalous waves in nature and nonlinear Schrodinger type equations

15/01/2014 – 25/10/2017 Rome, Italy

MASTER'S DEGREE Università di Roma, "La Sapienza"

Field of study Theoretical Physics | **Final grade** 110/110 | **Thesis** Interazione dei leptoni con i nucleoni ed i nuclei

15/09/2010 – 14/01/2014 Rome, Italy

BACHELOR'S DEGREE Università di Roma, "La Sapienza"

Field of study Physics | **Final grade** 108/110

● WORK EXPERIENCE

01/03/2021 – 31/08/2022 Newcastle Upon Tyne, United Kingdom

RESEARCH FELLOW NORTHUMBRIA UNIVERSITY

01/09/2022 – CURRENT Rome, Italy

RESEARCH FELLOW UNIVERSITÀ DI ROMA, "LA SAPIENZA"

● PUBLICATIONS

2020

Effect of a small loss or gain in the periodic nonlinear Schrödinger anomalous wave dynamics

DOI: 10.1103/PhysRevE.101.032204. (arXiv:1910.13176)

F. Coppini, P. G. Grinevich and P. M. Santini, Phys. Rev. E 101 (2020), 032204.

2020

The Fermi-Pasta-Ulam-Tsingou recurrence of periodic anomalous waves in the complex Ginzburg-Landau and in the Lugiato-Lefever equations

DOI:10.1103/PhysRevE. 102.062207

F. Coppini and P. M. Santini,(2020) Phys. Rev. E 102, 062207

2022

Periodic Rogue Waves and Perturbation Theory

In: Meyers, R.A. (eds) Encyclopedia of Complexity and Systems Science. Springer, Berlin, Heidelberg. DOI: 10.1007/978-3-642-27737-5_762-2

F. Coppini, P.G. Grinevich, P.M. Santini

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s): **ENGLISH**

● **DIGITAL SKILLS**

programming (C, C++, Fortran, python, IDL, Matlab,)