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Viviana Letizia, Ph.D. Product Manager

Expert in managing FAIR and OPEN Data, Software, and Methods to create sustainable and reproducible research, doctor in applied mathematics

EXPERIENCE

Elsevier, the leading global information analytics business specializing in science and health. Amsterdam, The Netherlands — *Editorial Product Manager* 2016 – PRESENT

After being responsible for the production, marketing, communications, innovation, and online services of SoftwareX (SOFTX), Nuclear Instruments and Physics A (NIMA), MethodsX, Physics Letters B journals the citation raised: SOFTX became #5 from 26# and NIMA 29# from 35# best journals in their field. SOFTX won the PROSE Award for innovation, only given for outstanding journals.

I wanted to improve the discoverability, executability, and preservation of research software, so I set a collaboration with Code Ocean, an online virtual machine, following my example best research journals implemented afterward.

Now I am launching an innovative editorial content project with Wolfram Foundation for the publication of Software Impact Notebook.

Mentor for the Society for Scholarly Publishing, Member of Force11 and Research Data Alliance.

PSL – Paris Dauphine, the only institution in France to be both a grande école and University, ranks 1st in France and the top 50 worldwide. Paris, France — *Researcher and Teaching Assistant* 2011 – 2015

Conducted research on Nonequilibrium isothermal transformations in a temperature gradient from microscopic dynamics, and on Simulating Rayleigh-Taylor turbulence with a PDF method.

Co-founded Young Researchers Group on Microscopic description of Heat Conduction and the series of seminars for Young Researchers.

Coordinated research project on Microscopic Description of Non-Linear Schrödinger Equation.

Prepared lessons according to course outline to convey all required material and deepen student understanding of analysis, probability, and statistics.

SISSA, Scuola Internazionale Superiore di Studi Avanzati, an international, state-supported, post-graduate-education and research institute Trieste, Italy— *Associate Researcher for Mathematics of quantum physics.*2011

EDUCATION

PSL – Paris Dauphine Ph.D. Applied Mathematics *Microscopic Models for Fourier's Law* 2016

Università degli Studi di Roma – Master Degree in Physics *2011*

SOFTWARE

Programming: Python, R, SQL, Wolfram Language; DataVisualization Tools: Tableau, DataWrapper. Microsoft Suite, OpenRefine, Jupyter Notebook.