

Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)

Chiara SIMEONI

Address(es)

Telephone(s)

E-mail

Nationality

Date of birth

Occupational field

Maître de Conférences in Applied Mathematics (CNU 26)

Work experience

Occupation(s) or position(s)
held

- 1) from October 2009 to September 2013 -- Research Assistant Professor in Applied Mathematics within the framework of the Brain Gain Program 2009 funded by the Italian Ministry of Education, University and Research Department of Information Engineering, Computer Science and Mathematics – University of L'Aquila (Italy)
- 2) from December 2002 to August 2003 -- Marie Curie Postdoctoral Fellowship Institute of Applied and Computational Mathematics, Foundation for Research and Technology - Hellas (FORTH) Heraklion-Crete : Research and development within the framework of the European project on Modelling and Computations in Wave Propagation (project reference MCFH-2001-00637)

Education and training

- 1) from September 2000 to November 2002
Doctorate in Mathematical Sciences, Université Pierre et Marie Curie - Paris 6 with affiliation to the École Normale Supérieure Paris and scholarship awarded by the INdAM (Italian Institute of Higher Mathematics) for pursuing doctoral studies in a foreign country – <https://hal.archives-ouvertes.fr/tel-00922706>
November 7th 2002 – Summa cum Laude
- 2) from September 1999 to July 2000
Diploma of Advanced Studies (Postgraduate Degree) in Numerical Analysis, Université Pierre et Marie Curie - Paris 6

Personal skills and competences

Mother tongue(s) Italian (mother tongue)

Other language(s) French excellent(*) -- English excellent(*)
(*) [Common European Framework of Reference for Languages](#)

Organisational skills and competences

- principal investigator, together with Prof. Ramón G. Plaza (National Autonomous University of Mexico) of the Research Project : Analytical study and numerical simulation of transport-reaction partial differential equations characterized by the formation of complex structures -- 36 months from January 2011 funded by the Italian Ministry of Foreign Affairs and International Cooperation and National Council for Science and Technology of Mexico (15000 euros)
- Mini-course on Numerical analysis of environmental flows within the 5th Women in Mathematics Summer School on Mathematical Theories towards Environmental Models, The Abdus Salam International Centre for Theoretical Physics (ICTP) Trieste - Italy, May 27th-June 1st 2013 -- as part of the international project Mathematics of Planet Earth 2013 – <http://www.mpe2013.org/>
- Special Session on Partial differential equations: ambitious mathematics for real-life applications within the AMS-EMS-SPM International Meeting 2015, June 10th-13th 2015 (Porto - Portugal) – <http://aep-math2015.spm.pt/> in collaboration with Prof. Donatella Donatelli (University of L'Aquila, Italy)
- Workshop on Front propagation methods and HPC simulation of biological systems – Department of Mathematics and Polytech Nice Sophia, University of Côte D'Azur (France) January 27th-30th 2020 partially funded by the French Ministry of Higher Education and Research within the framework of the ANR project UCA JEDI Investments for the Future (ANR-15-IDEX-01)
- CIME Summer School 2022 on Mathematical modeling for epidemiology: analysis, simulation and forecasting (Cetraro - Italy) September 5th-9th 2022 in collaboration with Prof. Corrado Mascia (Sapienza University of Rome), Prof. Andrea Pugliese (University of Trento, Italy) and Prof. Ram on G. Plaza (National Autonomous University of Mexico)

Technical skills and
competences

Bibliography :

Google Scholar –

<https://scholar.google.it/citations?user=rqPs7r4AAAAJ&hl=en>

<https://hal.archives-ouvertes.fr/> Chiara Simeoni (author)

NOTA BENE : no article processing charges (APC) have been paid for the publications listed above

Other skills and
competences

Editorial and refereeing activities :

- SEMA-SIMAI Springer Series, Partial Differential Equations: Ambitious Mathematics for Real-Life Applications, Donatella Donatelli and Chiara Simeoni (Editors), 2023 (in press)

- Referee for the scientific journals : Computers & Mathematics with Applications, Journal of Computational Physics, SIAM Journal on Numerical Analysis (SINUM), Journal of Scientific Computing, Physica A: Statistical Mechanics and its Applications, Communications in Mathematical Sciences, Kinetic and Related Models, Mathematical Problems in Engineering, Communications in Applied and Industrial Mathematics, ...

Innovation in Teaching :

- principal board and local coordinator of the Erasmus Mundus Master's Degree in Mathematical Modeling for Engineering (MATH- MODS) – University of Nice-Sophia Antipolis (France), University of L'Aquila (Italy), Hamburg University of Technology (Germany), Autonomous University of Barcelona (Spain) and Gdansk University of Technology (Poland) 48 months from September 2008 funded by the European Commission (Erasmus Mundus Programme 2007) 3,5 million euros (per year)
- principal board and local coordinator of the Integrated bi-national Master's Degree in Mathematical Modeling for Engineering – University of Nice-Sophia Antipolis (France) and University of L'Aquila (Italy) 36 months from September 2006 funded by the Université Franco-Italienne (Programme Vinci 2006) 30000 euros
- MSc course – Business Game : User Interface Design for Numerical Simulation Softwares – 24 hours (Spring 2006) Engineering School of Computer Science (ESSI) – University of Nice-Sophia Antipolis (France)
- MSc course – Business Game : Covid-19 calls for Mathematics Project – 30 hours (Spring 2020) Master's Degree in Mathematics for applications – Sapienza University of Rome (Italy)
- MSc course – Reading Course : Global Sensitivity Analysis Methods – 23 hours (Spring 2021) Curriculum for Excellence in Mathematics for applications – Sapienza University of Rome (Italy)

Additional information

Member of the European Women in Mathematics (EWM)
Standing Committee from 2014 to 2016 – <http://europeanwomeninmaths.org/>

Annexes

Curriculum Vitae – extended version : chiara-simeoni-CV-2022.pdf