

# SHORT CURRICULUM VITÆ

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<b>Nationality</b>	British and Italian
<b>Education</b>	Master in Physics, Un. of Trieste (1994), Ph.D. in mathematics, SISSA (1998).
<b>Employment history</b>	University of Bristol: part-time Professor since 2019, senior lecturer 2013-2019. SISSA: part-time associate professor since 2006, researcher 2002-2006. Postdocs: 1999-2002 at University of Maryland, College Park and Imperial College, London.
<b>Research Interests</b>	Integrable systems, nonlinear waves, random matrices and interacting particle systems, orthogonal polynomials and special functions.
<b>Main Awards</b>	Chaire Morlet (2019), Leverhulme research fellowship (2015). Grant support (in millions) €0.9 as P.I. and €2.3 as co-P.I.
<b>Lectures</b>	Conference/workshop/school ( $\sim 130$ ), including Cargese, CIRM and LMS schools. Department seminars ( $\sim 30$ ). Plenary lectures at SIAM and IMA conferences and Newton Institute.
<b>Organizer</b>	Semester programme at CIRM Luminy (2019), and 35 activities among schools, conferences and workshops. Scientific committee of SIAM and IMA conferences, MSRI workshop, ICMP section 2024. SISSA: Colloquia (2021-2024), Mathematics Colloquia (2016-2020), Math-Phys Seminar (2004-).
<b>Administrative roles</b>	Mathematical Physics Institute co-director, member of the executive and research committee (Bristol); teaching committee (SISSA).
<b>Scientific roles</b>	Member of the scientific committee of Math-Phys group of INDAM, of CNRS-INDAM International Research Laboratory (IRL) LYSM, early career research committee of the London Mathematical Society, Committee member of the <i>Henry-Poincaré prize</i> , (ICMP 2024); managing the <i>Dubrovin Medal</i> (SISSA).
<b>Editorial activity</b>	Nonlinearity, 2012-; Random matrix Theory and Applications, 2013-2024; Siam Journal of mathematical analysis, 2022-. Constructive Approximation, 2023-. Physica D (2019-2021), Bulletin of the London Mathematical Society, 2024-. Guest editor of SIGMA (2018 and 2023) and Physica D (2011).

**Advisor**

*Master:* G. Gubbiotti, S. Tarricone, M. Gisonni, G. Umer, C. Puntini.

*Ph.D.:* D. Merzi '15, J. G. Elias Rebelo '17, G. Pitton '18, H. Desiraju '21, G. Mazzucca '21, M. Gisonni '22, E. Chavez Heredia '22, G. Orsatti '23. D. Rachenkov, S. Gover expected '25.

*Post-docs:* F. Balogh ('12-'15), R. Jenkins ('13-'14), A. Minakov ('16-'18), G. Gubbiotti '21, P. Lazag ('22- '23), Byng-Ying Lu, ('22-'24), Zechuan Zhang ('24-'26).