
Contact Information	School of Mathematics University of Leeds, LS29JT, UK <i>Email:</i> P.Subramanian@leeds.ac.uk <i>Homepage:</i> www.priyasubramanian.com	<i>Office:</i> +44-113-3432930 <i>Mobile:</i> +44-74800-20221 <i>ORCID:</i> 0000-0001-7971-2091
Research Experience	School of Mathematics, University of Leeds, UK Research fellow • Working in Pattern Formation, Nonlinear Dynamics and Spatio-temporal Chaos with Prof. A. M. Rucklidge MPI for Dynamics & Self-organization, Göttingen, Germany Postdoctoral researcher • Max-Planck Research Group “Emerging Complexity in Physical Systems” with Dr. T. M. Schneider	June 2015 - present September 2012 - March 2015
Funding & Competitive Fellowships	2017 - L’Oréal-UNESCO For Women In Science UK Fellowship as PI (£15k). 2015 - Academic Development Fellowship for teaching at School of Mathematics, University of Leeds with funding to extend term as Research Fellow for one year. 2009 - Amelia Earhart Fellowship for women pursuing Ph. D. in Aerospace related sciences & engineering, from Zonta International (\$10k).	
Education	Indian Institute of Technology Madras, Chennai, India Ph. D., Aerospace Engineering Hindustan College of Engineering, Madras University, Chennai, India B. E., Aeronautical Engineering	July 2012 2004
Publication Summary	To date I have published 10 papers including 3 papers in Journal of Fluid Mechanics and 1 Physical Review Letter and as on 08th January 2019, I have 221 citations with an h-index: 6 and an i10-index: 6 (source Google scholar). My top publication is Subramanian, P., Archer, A. J., Knobloch, E. & Rucklidge, A. M., Three-dimensional Phase Field Quasicrystals, <i>Physical Review Letters</i> . 117: 075501. 2016.	Citations: 18 (Google), 12 (Scopus)
Engagement and Outreach (since 2015)	Academic: Upcoming invited talks - PMMH-ESPCI, Paris, Uni. Nottingham & invited speaker at the 14th International Conference on Quasicrystals (ICQ14) Invited talks till date - Uni. Manchester, Imperial College, Uni. Loughborough (invited speaker for Dynamics Days Europe 2017), Uni. Essex, Open University, Northumbria University, Uni. Sheffield (Appl. Maths) & Uni. Edinburgh, Newcastle University, Uni. Sheffield (Materials), Lorentz center, Uni. Münster Public: Writing - articles for The Conversation UK (104,294 reads till 24th April 2018) and the IMA Mathematics Today. Invited Talks - Superposition, Leeds Cafe Scientifique, Otley Science Cafe and one lecture at the Leeds Masterclass on ‘Mathematicians, Spies & Hackers’. Participation - Big Draw 2016 at Royal Society London, The Royal Institution’s Leeds Masterclass & profiled as part of the ‘Queens of Industry’ Exhibition by the Leeds Industrial Museum.	
Teaching experience	As part of the Academic Development Fellowship at University of Leeds, I have been teaching one 10-credit module (class size in 2017/18 is 189) in addition to one tutorial (12/13 students) for the past 3 years. Fluid Dynamics 1 Modelling with Differential Equations, University of Leeds Lecturer/Module Leader	Spring 2019 Spring 2018, 2017

	Elementary Integral Calculus, University of Leeds Lecturer/Module Leader	<i>Spring 2016</i>
	Advanced Nonlinear Dynamics, University of Leeds • Nine lectures & three workshops as paternity cover for Dr. J. A. Ward	<i>Autumn 2015</i>
	Tutorials for first-year courses, University of Leeds	<i>since Autumn 2015</i>
Mentoring experience	Co-supervision of summer student fellowships with Prof. A. M. Rucklidge	<i>2016 & 2018</i>
	Co-supervision of a PhD student with Prof. A. M. Rucklidge	<i>since 2017</i>
Administrative experience	Co-organizer of Leeds Masterclass along with Prof. D. Lesnic Member of Faculty of Mathematics & Physical Sciences Athena Swan committee Member of Teaching Excellence Groups in the School of Mathematics Co-organizer of Postdoc Forum at School of Mathematics	
Professional services	<i>Funding Evaluator</i> Remote Evaluator for H2020 FET OPEN RIA	<i>since 2015</i>
	<i>Journal & Conference Reviewer</i> Scientific Reports - Nature, Proceedings of the Royal Society A, IMA Journal of Applied Mathematics, Journal of Fluid Mechanics, Combustion & Flame, Intl. Journal for Spray & Combustion Dynamics, Journal of Sound & Vibration, Proceedings of the Combustion Institute, & ASME Turbo Expo	<i>since 2012</i>
	<i>Organising</i> Workshop on “ Pattern formation in fluids and soft matter ” between August 6-10 2018, at the School of Mathematics, University of Leeds <i>Organiser</i>	<i>August 2018</i>
	Workshop on “ Quasicrystals: pattern formation and aperiodic order ”, at the International Center for Mathematical Sciences, Edinburgh <i>Co-organiser</i>	<i>June 2018</i>
	Minisymposium on “ Aperiodic order, aperiodic tilings and quasicrystals in nonlinear pattern formation ”, SIAM DS17 <i>Co-organiser</i>	<i>May 2017</i>
	Indo-European Workshop on “ Advanced Instability Methods ”, IIT Madras <i>Co-organiser</i> <i>Organiser</i>	<i>January 2010 & 2011</i> <i>January 2009</i>
Awards & Prizes	2018 - Shortlisted for the science category of Women of the Future Award . 2014 - Young Scientist Award at the 10 th European Fluid Mechanics Conference from European Mechanics Society. 2004 - University First Rank in B. E. , in Aerospace Engineering at the University of Madras. 2004 - Kalpana Chawla Award for Academic Excellence in B. E., Hindustan Group of Institutions (INR20k).	
Professional Memberships	London Mathematical Society, American Physical Society	