Dr. Matteo Tommasini

Curriculum Vitae

Experience

06.2017 - jetzt	**Scientific Manager of the SFB Projekt "Taming Complexity in partial differential systems" financed from FWF**
	Universität Wien, Technische Universität Wien, Institute of Science and Technology Austria
04.2013 - 03.2015	**Post-doc - Marie Curie Fellow**
	Mathematics Research Unit, University of Luxembourg
	Primary task: identification of key features of some complex mathematical problems (in the fields of Category Theory and of Algebraic and Differential Geometry); solutions of such problems by decomposition into easier tasks; dissemination of results via peer-reviewed publications and reports at several international conferences.
	Secondary task: teaching courses for Ph.D. students in Mathematics, mentoring students.
11.2012 - 02.2013	**Post-doc - Riemann Fellow**
	Riemann Center for Geometry and Physics, Hannover, Germany
	Tasks similar to the ones above.
01.2005 - 05.2015	**Various experiences as university assistant, high school teacher and private lecturer of Mathematics and Physics**
	Universities of Hannover and Luxembourg, High Schools "Malpighi" and "Serpieri" (Bologna)

Education and training

08.2016 - now	**Self-study of certified online courses about tidy data collection and data analysis, using a variety of tools as R, Python, SQL, etc.**
	As part of the certification process, I had to implement analysis of real-life use cases using the aforementioned tools.
10.2015 - 03.2017	**German Courses (A2 to C1)**
	Sprachenzentrum of the University of Vienna, Austria
08 - 09.2015	**Autonomous study for the A1 level of German**
10.2009 - 10.2012	**Ph.D. in Mathematics (Geometry)**
	International School of Advanced Studies - SISSA, Trieste, Italy
	Supervised paid research in Algebraic and Differential Geometry; delivery of original findings; development of problem-solving skills and timelines management; exchange of know-how and knowledge with colleagues and supervisors.
10.2007 - 09.2009	**Master degree in Mathematics**, *University of Trieste, Italy*
10.2004 - 07.2007	**Bachelor degree in Mathematics**, *University of Bologna, Italy*

Visiting positions

01 - 02.2015	**Invited researcher**
	Department of Mathematics, University of Warwick, UK
01 - 03.2012,	**Visiting student**
04 - 06.2011	*Department of Mathematical Sciences, University of Liverpool and Isaac Newton Institute for Mathematical Sciences of Cambridge, UK*

Awards

2012	**Winner of a Luxembourgish "AFR-Marie Curie" grant for independent research for 2 years**, *Fond National de la Recherche, Luxembourg*
2010	**Winner of an Erasmus Placement Fellowship for a 3 months stay in Cambridge**
	SISSA, Trieste, Italy
2009	**Winner of a 3 years scholarship for the Ph.D. program in Geometry**
	SISSA, Trieste, Italy
2007	**Winner of a 2 years scholarship for the Master in Mathematics**
	SISSA, Trieste, Italy

Languages

Italian	Native speaker
English	Advanced: B2 Certificate (2003), current estimated level: C1
German	Advanced: C1 Certificate (2017)
French	Intermediate: B1 Certificate (2003), current estimated level: B2

Technical skills

Advanced	C++, R, LaTeX
Intermediate	Python, SQL, Git, GitHub, MS Office/LibreOffice (Word, Excel, PowerPoint)
Intermediate	Linux (Debian, Ubuntu), Windows (Xp, Vista, 7, 8)
Basic	Mathematica, XML, JSON, Markdown, Shiny

Other skills

Good autonomous organization of work and timelines for parallel projects; ability to perform well under pressure and tight deadlines.

International experience as a junior researcher; ability to identify key features of mathematical problems.

Ability to adapt, communicate and work in team with people from different cultures.

Ability to deliver effective presentations about work results.

Excellent tutoring skills.

Interests

Reading, cooking, gardening, Chess and Go.