

Mattia Righetti

Research Experience

- oct 2018– INdAM fellowship “Ing. Giorgio Schirillo”, *Dept. of Mathematics*, University of Genova, Genoa, Italy.
- sep 2016– CRM–ISM postdoctoral fellowship, *Centre de Recherches Mathématiques*, Université de Montréal, Montréal, Canada.
- aug 2018
- apr–aug 2016 Post-graduate research scholarship, *Dept. of Mathematics*, University of Genova, Genoa, Italy.
research Analytic Number Theory, L -functions, Selberg class, modular forms, Maass forms.
interests

Education

- 2013–2015 **PhD in Mathematics and Applications**, *University of Genova*, Genoa, Italy.
thesis Zeros of combinations of Euler products for $\sigma > 1$
advisor Prof. Alberto Perelli
- 2010–2012 **Msc in Mathematics**, *University of Milano*, Milan, Italy.
- 2007–2010 **BA in Mathematics**, *University of Milano*, Milan, Italy.

Teaching experience

- fall 2018 **Calculus**, Politecnico di Torino.
Instructor
- winter 2018 **Abstract Algebra II**, *Dept. of Mathematics & Statistics*, Concordia University.
Instructor
- winter 2018 **Algebra and Functions**, *Dept. of Mathematics & Statistics*, Concordia University.
Instructor
- a.y. 2015/16 **Geometry and Calculus 1**, *Dept. of Naval Architecture and Marine Engineering*, University of Genova.
Tutorial
- fall 2015 **General Mathematics**, *Dept. of Agricultural, Forest and Nutritional Sciences*, University of Torino.
Teaching assistant
- a.y. 2014/15 **Geometry and Calculus 1**, *Dept. of Mechanical Engineering*, University of Genova.
Tutorial
- fall 2014 **Mathematical Analysis 3**, *Dept. of Mathematics*, University of Milano.
Tutorial
- spring 2014 **Geometry**, *Dept. of Computer Science and Technology, Bioengineering, Robotics and Systems Engineering*, University of Genova.
Teaching assistant

Reviewing

Glasgow Math. J., Mathematical Reviews, Trans. AMS

Conferences and Workshops

- 2018 **3rd Number Theory Meeting**, Torino, October 15–16.
- 2018 **Perspectives on the Riemann Hypothesis**, *Heilbronn Institute*, Bristol, June 4–7.
- 2018 **Probability in Number Theory**, *CRM*, Montréal, May 14–June 1.
- 2017 **Giornate INdAM di Teoria dei Numeri**, Genova, December 18–19.
- 2017 **Recent developments in Analytic Number Theory**, *MSRI*, Berkeley, May 1–5.
- 2015 **Third Italian Number Theory Meeting**, *CRM Ennio De Giorgi*, Pisa, September 21–24.
- 2015 **Analytic aspects of Number Theory**, *FIM*, Zurich, May 18–22.
- 2015 **Number Theory Days**, *EPFL*, Lausanne, May 15–16.
- 2014 **Analytic Number Theory Summer School**, *IHÉS*, Bures sur-Yvette, July 9–23.

Honors and Awards

- 2016 **Best PhD thesis** of the XXVIII cycle at the Department of Mathematics of the University of Genova

Research articles

- [1] *Zeros of combinations of Euler products for $\sigma > 1$* , *Monatsh. Math.* **180** (2016), no. 2, 337–356.
- [2] *On the density of zeros of linear combinations of Euler products for $\sigma > 1$* , *Algebra & Number Theory* **11** (2017), no. 9, 2131–2163.
- [3] *On Bohr's equivalence theorem*, *J. Math. An. Appl.* **445** (2017), 650–654; corrigendum *ibid.* **449** (2017), 939–940.
- [4] (with A. Perelli) *A rigidity theorem for translates of uniformly convergent Dirichlet series*, submitted for publication. Available online: [arXiv:1702.01683](https://arxiv.org/abs/1702.01683).
- [5] (with J.M. Sepulcre and T. Vidal) *The equivalence principle for almost periodic functions*. Available online: [arXiv:1901.07917](https://arxiv.org/abs/1901.07917).