

René Olivetto

Date of Birth	November 26 th 1987
Place of Birth	Marostica (VI), Italy
Nationality	Italian
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RESEARCH INTERESTS

Number theory, in particular modular forms, Jacobi forms, Maass forms, and their applications to Lie superalgebras and physics.

EDUCATION

Ph.D. position *since Nov 2011*

University of Cologne (Germany)

Advisor: Prof. Dr. Kathrin Bringmann

Master degree in Mathematics — 110/110 cum laude *Jul 2011*

Joint degree: University of Padova (Italy), University of Bordeaux (France)

Master Thesis: On the sup-norm of holomorphic cusp forms

Thesis Advisor: Prof. Guillaume Ricotta

Second year Master mundus ALGANT *Sep 2010–Jun 2011*

University of Bordeaux (France)

First year Master mundus ALGANT *Oct 2009–Sep 2010*

University of Padova (Italy)

Bachelor degree in Mathematics *Sep 2009*

University of Padova (Italy)

Bachelor Thesis: Enumeration of finite p -groups

Thesis Advisor: Prof. Federico Menegazzo

Bachelor studies in Mathematics *Oct 2006–Sep 2009*

University of Padova (Italy)

PROFESSIONAL ACTIVITIES

Co-organizer Algebra and Number Theory seminar, University of Cologne Apr 2013–
Reviewer for the American Mathematical Society Mathematical Reviews Database Apr 2013–
Referee work: Ramanujan Journal, Monatshefte für Mathematik

TEACHING

Co-organizer student seminar, University of Cologne Apr 2013–

RESEARCH PUBLICATIONS

1. R. Olivetto, *Asymptotic behaviour of the coefficients of Kac–Wakimoto characters of higher integrable level*,
In preparation.
2. R. Olivetto, K. Bringmann, *Kac–Wakimoto characters and non-holomorphic Jacobi forms*,
Preprint.
3. R. Olivetto, *A family of mock theta functions of weights $1/2$ and $3/2$ and their congruence properties*,
Submitted.
4. R. Olivetto, *On the Fourier coefficients of meromorphic Jacobi forms*,
Accepted for publication in IJNT (2014).

VARIOUS PAPERS

1. R. Olivetto, *On the sup-norm of holomorphic cusp forms*,
Master Thesis.

TALKS

Multivariable Kac–Wakimoto characters May 2013
TU Darmstadt, Germany, Number theory seminar
On the Fourier coefficients of meromorphic Jacobi forms Feb 2013
RWTH Aachen, Germany, AKLS seminar
On the Fourier coefficients of meromorphic Jacobi forms Jan 2013
MPI Bonn, Germany, Number theory lunch seminar

<i>On the Fourier coefficients of meromorphic Jacobi forms</i>	<i>Dec 2012</i>
University of Bordeaux, France , Number theory Ph.D. seminar	
<i>On the modularity of the Fourier coefficients of meromorphic Jacobi forms</i>	<i>Dec 2012</i>
University of Cologne, Germany , Number theory seminar	
<i>On the sup-norm of holomorphic cusp forms</i>	<i>Jul 2011</i>
University of Milan, Italy , Graduation	
<i>On the sup-norm of holomorphic cusp forms</i>	<i>Jun 2011</i>
University of Bordeaux, France , Graduation	

CONFERENCES

<i>Automorphic Forms and Arithmetic</i>	<i>Feb 2014</i>
Gottingen, Germany	
<i>2014 Joint Mathematics Meetings</i>	<i>Jan 2014</i>
Baltimore, USA	
<i>Mock modular forms, Moonshine, and String Theory</i>	<i>Aug 2013</i>
Simons Center, New York	
<i>Special functions and special numbers</i>	<i>Jul 2013</i>
Utrecht University, Netherlands	
<i>Automorphic forms and L-functions</i>	<i>Mar 2013</i>
Darmstadt, Germany	
<i>1st EU-US conference on Automorphic forms and related topics</i>	<i>Aug 2012</i>
Aachen, Germany	
<i>Symposium: Modular forms, Mock theta functions, and Applications</i>	<i>Feb 2012</i>
Cologne, Germany	
<i>Summer school: Elliptic curves</i>	<i>Jul 2010</i>
Bordeaux, France	

ADDITIONAL RESEARCH EXPERIENCE

<i>Research visiting at Emory University</i>	<i>Jun–Jul 2013</i>
Emory University, Atlanta	

UPCOMING ACTIVITIES

<i>ENFANT & ELEFANT</i>	<i>Jul 2014</i>
Hausdorff center, Bonn, Germany	

AWARDS AND FELLOWSHIPS

- PhD scholarship funded by DFG, 2011–2014
- European commission Erasmus mundus grant, 2010–2011

WORK EXPERIENCES

High school teaching, Mathematics and Physics, Istituto Filippin, Paderno del Grappa (Italy).

LANGUAGES

- Italian: Native speaker.
- English: Fluent in written and spoken.
- French: Good in written, fluent in spoken.