

# Mauro ARTIGIANI

## PERSONAL DATA

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PLACE OF BIRTH:	Rome, Italy
NATIONALITY:	Italian
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## ACADEMIC POSITIONS

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2018–	Asistente postdoctoral, <b>Departamento de Matemáticas</b> , Universidad de los Andes, Bogotá, Colombia.
2016–2018	Postdoctoral researcher, <b>Centro di Ricerca Matematica Ennio De Giorgi</b> , Scuola Normale Superiore, Pisa, Italy.

## EDUCATION

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2012–2016	Ph. D. in Mathematics, <b>University of Bristol</b> , Bristol, UK. Thesis: “ <i>Some aspects of Diophantine approximation and ergodic theory of translation surfaces</i> ”. Advisor: Prof. Corinna ULCIGRAI.
2010–2012	Master of Science in MATHEMATICS <b>University of Rome “Sapienza”</b> , Rome. 110/110 <i>cum laude</i>   Major: Algebra & Geometry. Thesis: “ <i>Flat surfaces and the Veech dichotomy</i> ”. Advisor: Prof. Gabriele MONDELLO.
2007–2010	Bachelor of Science in MATHEMATICS <b>University of Rome “Sapienza”</b> , Rome. 110/110 <i>cum laude</i>   Major: Pure Mathematics. Thesis: “ <i>On conformal structures of surfaces</i> ”. Advisor: Prof. Andrea SAMBUNETTI.

## AWARDS AND HONOURS

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2012–2016	University of Bristol postgraduate Scholarship
2011–2012	Student in the “ <b>Master Excellence Path</b> ” in Mathematics at the University of Rome “Sapienza”.
2008–2010	Student in the “ <b>Excellence Path</b> ” in Mathematics at the University of Rome “Sapienza”.

## PUBLICATIONS AND PREPRINTS

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Persistent Hall rays for Lagrange spectra at cusps of Riemann surfaces.  
*joint with Luca Marchese and Corinna Ulcigrai*. Accepted for publication in *Ergodic theory and Dynamical systems*; [arXiv](#).

Exceptional ergodic directions in Eaton lenses.  
*Israel Journal of Mathematics*, **220** (2017), 29–56. [Journal](#); [arXiv](#).

The Lagrange spectrum of a Veech surface has a Hall ray.  
*joint with Luca Marchese and Corinna Ulcigrai*. *Groups, Geometry, and Dynamics*, **10** (2016), 1287–1337. [Journal](#); [arXiv](#).

## TALKS

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- OCTOBER 2018 *Colloquium talk*, Universidad de Los Andes, Bogotá, Colombia.  
FEBRUARY 2018 *Workshop Around Dynamical Systems*, Udine, Italy.  
DECEMBER 2017 *Dynamical Systems Seminar*, Institut de Mathématiques de Marseille, France.  
NOVEMBER 2017 *Horowitz Seminar*, Tel Aviv University, Israel.  
OCTOBER 2017 *Colloquium talk*, Universidad de Los Andes, Bogotá, Colombia.  
AUGUST 2017 *Dynamics in Number Theory and Geometry*, Fields Institute, Kingston, Canada.  
JUNE 2017 *Workshop on Moduli Spaces*, SkolTech & HSE, Moscow, Russia.  
NOVEMBER 2016 *Prima Giornata Dinamica*. Gran Sasso Science Institute, L'Aquila, Italy.  
FEBRUARY 2016 *Seminar at the Abdus Salam International Centre for Theoretical Physics*. Trieste, Italy.  
NOVEMBER 2015 *Simons workshop on Translation surfaces and Dynamics*. Bedlewo, Poland.  
JULY 2015 *School: "Dynamics & Geometry in Teichmüller Space"*. Marseille, France. (*contributed*)  
JUNE 2015 *DinAmici IV*, conference of young Italian dynamicist. Corinaldo, Italy.  
FEBRUARY 2015 *Ergodic Theory and Dynamical Systems seminar*. Warwick University, UK.  
OCTOBER 2014 *Ergodic Theory and Dynamical Systems seminar*. University of Bristol, UK. (*contributed*)

## TEACHING

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- 2018 *Calculo integral con ecuaciones diferenciales*.  
2017–2018 *Dynamical systems & Ergodic Theory (shared)*.  
2014–2016 *Pure Mathematics subjects first year tutorials*.  
2013 *Marker for "Ergodic Theory and Dynamical Systems"*.

## CONFERENCES AND MEETING ORGANISATION

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- 2018 *From order to chaos*, CRM Ennio De Giorgi, Pisa.  
2017–2018 *Dynamical Systems seminar*, with Paolo Giulietti.  
2014 *MINGLE*, University of Bristol, UK.  
MINGLE is a one day meeting to welcome the new PhD and Master students at the University of Bristol. I was one of the five organisers and approximately 50 people were present.

## LANGUAGES

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- ITALIAN: Native  
ENGLISH: Fluent  
SPANISH: Intermediate