

Mauro ARTIGIANI

PERSONAL DATA

PLACE OF BIRTH:	Rome, Italy
NATIONALITY:	Italian
ADDRESS:	Departamento de Matemáticas, Universidad de los Andes Cra 1 #18A - 12, Bogotá, 111711, Colombia.
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ACADEMIC POSITIONS

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

EDUCATION

2012–2016	Ph. D. in Mathematics, University of Bristol , 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 University of Rome “Sapienza” , 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 University of Rome “Sapienza” , Rome. 110/110 <i>cum laude</i> Major: Pure Mathematics. Thesis: “ <i>On conformal structures of surfaces</i> ”. Advisor: Prof. Andrea SAMBUSETTI.

AWARDS AND HONOURS

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

PUBLICATIONS AND PREPRINTS

Persistent Hall rays for Lagrange spectra at cusps of Riemann surfaces.
joint with Luca Marchese and Corinna Ulcigrai. Preprint; [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

- 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

- 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

- 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

- ITALIAN: Native
ENGLISH: Fluent
SPANISH: Intermediate