



Mauro ARTIGIANI

PERSONAL DATA

PLACE OF BIRTH:	Rome, Italy
NATIONALITY:	Italian
ADDRESS:	Centro di Ricerca Matematica Ennio De Giorgi, Collegio Puteano, Scuola Normale Superiore, Piazza dei Cavalieri, 3 I-56100 PISA
	mauro.artigiani@sns.it
	https://sites.google.com/sns.it/mauro-artigiani/
ORCID:	0000-0003-3531-6323

ACADEMIC POSITIONS

2016– 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: “*Some aspects of Diophantine approximation and ergodic theory of translation surfaces*”. Advisor: Prof. Corinna ULCIGRAI.

2010–2012 Master of Science in MATHEMATICS **University of Rome “Sapienza”**, Rome.
110/110 *cum laude* | Major: Algebra & Geometry.
Thesis: “*Flat surfaces and the Veech dichotomy*”. Advisor: Prof. Gabriele MONDELLO.

2007–2010 Bachelor of Science in MATHEMATICS **University of Rome “Sapienza”**, Rome.
110/110 *cum laude* | Major: Pure Mathematics.
Thesis: “*On conformal structures of surfaces*”. 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

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

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