

Michele Triestino

Present position

2016–present **Maitre des conférences**, *Université Bourgogne Franche-Comté*, Institut de Mathématiques de Bourgogne, Dijon (France).

Past positions

- 2016 **Professor adjunto**, *UFF*, Niterói, RJ (Brazil).
2014-2016 **Post-doc**, *PUC*, Rio de Janeiro (Brazil).
2013-2014 **ATER (lecturer)**, *UMPA-ÉNS*, Lyon (France).
2010-2014 **Ph.D. Student**, *UMPA-ÉNS*, Lyon (France), Thesis: *La dynamique des difféomorphismes du cercle selon le point de vue de la mesure* (Generic dynamics of circle diffeomorphisms with respect to measure).
advisor Étienne Ghys

Main research interests

Dynamical Systems, Ergodic Theory, Probability Theory, Statistical Mechanics, Geometry and Geometric Group Theory.

Preprints

- 2017+ **Ping-pong configurations and circular orders on free groups**, joint work with Dominique Malicet, Kathryn Mann and Cristobal Rivas.
2017+ **Hyperbolicity as an obstruction to smoothability for one-dimensional actions**, joint work with Christian Bonatti and Yash Lodha, submitted.
2017+ **Cut-off method for endogeny of recursive tree processes**, joint work with Victor Kleptsyn, submitted.
2017+ **Groups with infinitely many ends acting analytically on the circle**, joint work with Sébastien Alvaréz, Dmitry Filimonov, Victor Kleptsyn, Dominique Malicet, Carlos Meniño and Andrés Navas, submitted.

Published works

- 2016 **Stationary random metrics on hierarchical graphs via (min, +)-type recursive distributional equations**, joint work with Mikhail Khristoforov and Victor Kleptsyn, *Commun. Math. Phys.* **345**, no. 1 (2016), 1–76.
2014 **Généricité au sens probabiliste dans les difféomorphismes du cercle**, *Ensaïos Matemáticos* **27**, Soc. Brasil. Mat. (2014), 1-98.
2013 **On the invariant distributions of C^2 circle diffeomorphisms of irrational rotation number**, joint work with Andrés Navas, *Math.Z.* **274**, no. 1 (2013), 315–321.

Invitations for talks

- 2018 **Seminars**, *Amiens*.
2017 **Affine and one-dimensional dynamics**, *Aussois*, (minicourse).
2017 **Seminars**, *Grenoble, Lausanne, Avignon*.
2017 **Coloquio Latinoamericano de Algebra**, *PUC Quito*.
2017 **Beyond Uniform Hyperbolicity**, *BYU (Provo, UT)*.
2016 **Seminars**, *Dijon, Paris, Rio de Janeiro, Lille*.
2016 **1st joint meeting Brazil-Italy in Mathematics**, *IMPA (Rio de Janeiro)*.

- 2016 **International Conference on Dynamical Systems**, Búzios (Rio de Janeiro).
- 2015 **Seminars**, São Paulo, Rio de Janeiro, Nice, Paris.
- 2015 **Frontiers in Analysis and Probability. Strasbourg/Zurich meeting**, University of Zurich.
- 2015 **Valparaiso's dynamics working days: Groups and low dimensional dynamics**, PUC-Valparaiso.
- 2015 **Workshop de Topologia & Dinâmica 2015**, Universidade Federal Fluminense, Niteroi, RJ, Brazil.
- 2014–2012 **Seminars**, Rio de Janeiro, Paris, Amiens, Kyoto, Tokyo, Rennes, Avignon, Bern.

Organization of upcoming and past events

- 2016 **Organizer for the workshop for young researchers: *Groups acting on manifolds***, in Teresópolis, RJ, Brazil, from June 20th to 24th, 2016.
- 2015 **Organizer for the international summer school for students *Modern Mathematics***, at Jacobs University, Bremen (Germany), from July 4th to 14th, 2015.
- 2014 **Organizer for the international summer school for students *Modern Mathematics***, at the ENS-Lyon, from August 20th to 29th, 2014.
- 2012 **Local organizer for the international summer school for students *ISSMYS***, at the ENS-Lyon, from August 20th to 29th, 2012.