



Rodrigo Schaefer

PhD in Applied Math



24 March 1990



Barcelona



+34 673845811



<https://schaeferrodrigo.github.io/>



rodrigo.schaefer@upc.edu

Skills

R

Python

Latex

Portuguese

Spanish

English

Catalan

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Interests

Applied Mathematics (Dynamical Systems and Celestial Dynamics), programming, Data Science and technology.

Education

2014-2018	Ph.D. in Applied Mathematics <i>Global Instability in Hamiltonian systems.</i>	UPC
2012-2014	M.Sc. in Mathematics N-body dynamics on surfaces: An example for two bodies	UFRJ
2008-2011	B.Sc. in Mathematics	UFRJ

Publications

2018	Arnold diffusion for a complete family of perturbations with two independent harmonics.
2017	Arnold diffusion for a complete family of perturbations.
2016	N-body dynamics on closed surfaces: the axioms of mechanics.

Awards

2018	PhD Qualification: Excellent <i>cum laude</i>
2014 - 2018	CNPq Scholarship - PhD.
2013 - 2014	FAPERJ Aluno nota 10 - Master.
2012 - 2013	CNPq Scholarship - Master.

Experience

2014	Temporary Lecturer Universidade Federal do Rio de Janeiro (UFRJ).	Brazil
2009-2011	Teaching assistant. Universidade Federal do Rio de Janeiro (UFRJ).	Brazil

Invited Talks

2018	Geometry, Dynamics, Integrable systems. Scattering maps and Global instability in Hamiltonian Systems	Russia
2017	IV Congreso de Jóvenes Investigadores - RSME. Global instability in Hamiltonian Systems	Spain
2016	JuniorGesta. Global instability in Hamiltonian Systems	Spain

Other information

Courses

2019	Introduction to Data Science in Python University of Michigan via Coursera.org.
2016	R programming. John Hopkins University via Coursera.org.
2016	Getting and Cleaning data John Hopkins University via Coursera.org.
2015	Introduction to Python Centre de Recerca Matemàtica (CRM).

Congresses and presentations

23 international congresses attended and 11 work presentations.