

Yannick GUEDES BONTHONNEAU
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Timeline

May 2017	Grading. maths D, Ens Ulm
2016–	Chargé de Recherche au CNRS. Working at IRMAR, Rennes.
2015–2016	Postdoc <i>UQÀM, Montreal, financed by the CRM.</i> Supervised by Frédéric Rochon, Dima Jakobson.
2012–2015	PhD <i>Paris 11 Orsay and ENS Paris.</i> Supervised by Nalini Anantharaman and Colin Guillarmou.
2013–2015	PhD funding. Student at Orsay, financed by ÉNS, TA's at ÉNS (complex analysis).
2012	Master's in mathematics. <i>Paris 11, Orsay.</i>
sept 2011–april 2012	Masters dissertation. <i>written at IMPA, Rio de Janeiro,</i> supervised by Enrique Pujals.
2010–2011, 2012–2013	Colles in <i>prépa</i> in Paris.
2010	Graduation. <i>Paris 11 Orsay University.</i>
2009–2013	Studies at ENS Paris.

Research papers

- [8] *Ruelle Resonances for Manifolds with hyperbolic cusps.* With Tobias Weich. Arxiv:1712.07832
- [7] *WKB constructions in bidimensional magnetic wells .* With Nicolas Raymond. Arxiv:1711.04475. Submitted
- [6] *A lower bound for the Θ function on manifolds without conjugate points.* Published in Documenta Mathematica. Arxiv:1603.05697.
- [5] *Quantum Ergodicity for Eisenstein functions.* With Steve Zelditch. Published in CRAS, Arxiv:1512.06802.
- [4] *Weyl laws for manifolds with hyperbolic cusps.* Submitted Arxiv:1512.05794.
- [3] *Resonance-free regions for negatively curved manifolds with cusps.* To appear in American Journal of Math. Arxiv:1505.02600.
- [2] *Long time quantum evolution of observables.* Published in Communications in Mathematical Physics. Arxiv:1411.5083.
- [1] *A note on the resonance counting function for surfaces with cusps.* Published in Journal of Spectral Theory. Arxiv:1405.5445.

Talks

December 2017	Conference ANR GERASIC, Aussois.
June 2017	TA dynamical systems and inverse problems, École d'été à Cardiff.
March 2017	Conference Scattering and Resonances, CIRM.
February 2017	Televised seminar, Paris Nord.
December 2016	PDE seminars, Rennes, Nantes.
November 2016	Seminar, Avignon.
February 2016	GDR DYNQUA workshop, Grenoble.
December 2015	Winter meeting, Canadian Mathematical Society, Montreal.
November 2015	Analysis seminars, Laval university , Québec, and MIT, Boston.
October 2015	Analysis seminar, UQAM, Montreal.
July 2015	Équa Diff Conference 2015, Lyon.
May 2015	ANR Resonances and Quantum Chaos workshop, Peyresq.
March 2015	Conference Analysis and Geometry of Resonances, CIRM.
December 2014	Mathematical Physics seminar, IHP, Paris.
December 2014	Mathematical Physics seminar, Fourier Institute, Grenoble.
October 2014	Analysis seminar, Northwestern University, Chicago, and Bordeaux.
November 2013	Seminar in Avignon.

Languages

Français	Mother tongue
Anglais	Fluent
Portugais	Fluent
Espagnol	Survivable

Distinctions

2017	Cours Peccot in 2018
2009	ranked 1 st in ÉNS Paris
2008	Silver medal at IPhO Vietnam.