

Curriculum Vitae

Thibault de Poyferré de Cère

Born 02/17/1990

Area of Specialization

Dipsersive PDEs, Water waves, Fluid dynamics, Microlocal analysis

Positions

- Miller Post-doctorate fellow at UC Berkeley 2017– 2020

Education

- Ph.D. with Thomas Alazard at ENS (Paris) June 2017 : “*On the Cauchy Problem for the Water-Waves equations*”
- Master in Mathematics at ENS de Lyon 2013

Programming Languages

- Julia
- Python
- C

Languages

- French Natively
- English

Publications

- Blow-up conditions for gravity water-waves (Preprint arXiv:1407.6881)
- A paradifferential reduction for the gravity-capillary waves system at low regularity and applications (with Quang Huy Nguyen) (accepted Bull. SMF 2016)
- Strichartz estimates and local existence for the gravity-capillary waves with non-Lipschitz initial velocity (with Quang Huy Nguyen) (JDE 2016)
- A priori estimates for water waves with emerging bottom (ARMA 2018)

Teaching

- Teaching Assistant, Mathematics for first year economics, CPES PSL, 2014–2016
- Linear Algebra course for second year economics, CPES PSL, 2017

Conferences and Seminars organized

- Workshop of the Paris graduates students in PDEs, 2014-2017
- Conference “Mathematical aspects of fluids: kinetics and dynamics.” Organised with Isabelle Tristani at the ENS, Paris, December 11-13, 2017
- Weekly Analysis and PDEs seminar at UC Berkeley, 2018–

Invited Talks

- Workshop "Long time dynamics and regularity for hydrodynamical systems", Nantes, France, March 11-13 2015
- PDE Seminar of the Institut de Mathématiques de Bordeaux, France, June 2016
- Parallel session, French-Romanian Colloquium in Applied Mathematics, Iasi, Romania, August 26–30 2016
- Workshop of the ANR IFSMACS, Paris, France, Octobre 13–14 2016
- PDE Seminar of the Université Paris-Sud at Orsay, France, February 2017
- PDE Seminar at University of Indiana, Bloomington, USA, February 2018
- PDE Seminar at Princeton, USA, April 2018
- PDE Seminar at NYU, USA, mai 2018
- Geometry and Analysis Seminar at UC Santa Cruz, USA, Novembre 2018