

Flavien Léger

Curriculum Vitæ

Employment

2017–Present **Assistant Adjunct Professor**, *UCLA, Department of Mathematics*, Los Angeles, CA, USA.

Education

2012–2017 **Ph.D. in Mathematics**, *Courant Institute, New York University*, New York, USA.

2010–2012 **M.S. in Mathematics**, *Paris 6*, Paris, France.

2010 **B.S. in Mathematics**, *ENS Cachan*, France.

Research Interests

Optimal transport, PDEs, fluid mechanics.

Awards

2016–2017 Dean's Dissertation Fellowship, NYU GSAS

2012–2016 Henry MacCracken Fellowship, NYU GSAS

2007 Mention at the *Concours Général des Lycées de Mathématiques*, a mathematical Olympiad

Publications

4. F. Léger. A geometric perspective on regularized optimal transport, 2017.

3. F. Léger. A new approach to bounds on mixing, 2016.

2. A. Bertozzi, T. Laurent, and F. Léger. Aggregation via the Newtonian potential and aggregation patches. *M3AS*, vol. 22, Supp. 1, 2012.

1. F. Léger, G. Yu and G. Sapiro. Efficient Matrix Completion with Gaussian Models. In *IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, 2011.

Presentations

○ CSCAMM Seminar, University of Maryland, Feb. 2017 (invited)

○ Analysis Seminar, University of Wisconsin–Madison, Sept. 2016 (invited)

UCLA, Department of Mathematics – Los Angeles, CA, USA

✉ flavien@math.ucla.edu • 🌐 math.ucla.edu/~flavien

- Optimal Transport working group, Courant Institute, Feb. & May 2016
- Poster session, ICASSP, 2011
- Internships presentations, ENS Cachan, Sept. 2010

Computer skills

Advanced MATLAB, PYTHON (SCI-PY)
Intermediate C++, Linux

Teaching experience

Fall 2015 Recitation Leader, Calculus I
Fall 2014 Recitation Leader, Calculus I

Extended professional travel

Summer 2014 UCLA, Los Angeles, CA
Spring 2011 UCLA, Los Angeles, CA
Summer 2010 University of Minnesota, Minneapolis, MN

Languages

French (Mothertongue), English (Fluent), Italian (Intermediate), German (Basic).