

Adriane Kaïchouh

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Date and place of birth August 19th, 1989 in Strasbourg, France

Current position

Since November 2011 **PhD in mathematics under the supervision of Itai Ben Yaacov and Julien Melleray, Université Lyon 1.**
Descriptive set theory and continuous logic

Education

2011 **Agrégation de mathématiques, ENS Lyon.**
Competitive exam for recruiting teachers, rank 18

2009-2010 **Master in mathematics, ENS Lyon.**
Master thesis under the supervision of Boban Veličković : Dichotomy theorems in descriptive set theory

2008-2009 **Bachelor in mathematics, ENS Lyon.**
Bachelor thesis under the supervision of Françoise Delon : Hasse derivations

Publications

September 2013 **Amenability and Ramsey theory in the metric setting, *Fundamenta Mathematicae*, to appear.**

May 2014 **Reconstruction of separably categorical structures, *Journal of Symbolic Logic*, to appear.**
with Itai Ben Yaacov

Talks

June 2014 **Amenability and convex Ramsey theory in the metric setting, *Denton*.**
Logic, Dynamics and their Interactions

February 2014 **Amenability and convex Ramsey theory, *Münster*.**
Oberseminar

December 2013 **Amenability and convex Ramsey theory, *Paris*.**
Descriptive Set Theory in Paris

November 2013 **Amenability and convex Ramsey theory, *Bonn*.**
Trimester seminar au HIM, Universality and Homogeneity

June 2013 **Logic seminar, *Lyon*.**
Amenability and convex Ramsey theory

February 2012 **Students' seminar, *Lyon*.**
Construction and properties of the Urysohn space

Attended conferences

- June 2014 **Logic, Dynamics and their Interactions**, *Denton*.
- May 2014 **Inter'Actions colloquium**, *Lyon*.
- January 2014 **British Postgraduate Model Theory Conference**, *Leeds*.
- December 2013 **Descriptive Set Theory in Paris**, *Paris*.
- October-November 2013 **Hausdorff Trimester Program on Universality and Homogeneity**, *Bonn, HIM*.
- September-October 2013 **Forcing, Large Cardinals and Descriptive Set Theory**, *Vienna, ESI*.
- April-May 2013 **MALOA Final conference**, *Marseille, CIRM*.
- December 2012 **Descriptive Set Theory in Paris**, *Paris*.
- July 2012 **Second workshop on Homogeneous Structures**, *Prague*.
- July 2012 **Continuous Logic and Functional Analysis**, *Lyon*.
- April-May 2012 **Fifth Young Set Theory Workshop**, *Marseille, CIRM*.
- December 2011 **Descriptive Set Theory in Paris**, *Paris*.
- December 2010 **Descriptive Set Theory in Paris**, *Paris*.
- October 2010 **Eleventh international Set Theory Workshop**, *Marseille, CIRM*.

Teaching

- 2014-2015 **Exercise sessions**, *first year*, Université Lyon 1.
Integration and approximation
- Oral examinations**, *second year*, Université Lyon 1.
- 2013-2014 **Oral examinations**, *second year*, Université Lyon 1.
- Exercise sessions**, *first year*, Université Lyon 1.
Analysis and probability
- 2012-2013 **Oral examinations**, *first year*, Université Lyon 1.
- Exercise sessions**, *first year*, Université Lyon 1.
Integration and approximation
- Oral examinations**, *second year*, Université Lyon 1.
- 2011-2012 **Oral examinations in classes préparatoires**, *second year*, Lycée du Parc, Lyon.
- 2010-2011 **Oral examinations in classes préparatoires**, *first year*, Lycée du Parc, Lyon.
- 2009-2010 **Oral examinations in classes préparatoires**, *second year*, Lycée Lalande, Bourgen-Bresse.

Volunteer work

- May 2012 - **Interventions with MathALyon**.
- May 2014 Travelling exhibition of mathematical workshops and games in schools

February- **Conception of a workshop for MathALyon**, *Planar linkages*.
June with Mickaël Kourganoff et Thomas Letendre
2013
August 2012 **Teaching assistant at the ISSMYS**, *ENS Lyon*.