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kevin.tanguy1@univ-tlse3.fr
Date of birth : 06.24.1988 in St-Sébastien-sur-Loire
France

Curriculum :

- 2013** **First year of Phd** : Super-concentration inequalities : a theoretical study and illustrating models, supervised by Michel Ledoux, Paul Sabatier University in Toulouse.
- 2012/2013** Master's Degree) II Reaserch in Mathematics, option « Probability and statistics », Paul Sabatier University in Toulouse, Grade : 13,02/20.
- 2012** **Academic study and reseach work** : « Family of gaussian variables maxima », supervised by Michel Ledoux.
Agregation in Mathematics (high-level competitive examination for recruiting teachers in France).
- 2011/2012** Master's degree Teaching Mathematics, Nantes University , Grade : 13,75/20.
- 2009/2011** Master of Mathematics Fondamental and Applied (University of Nantes),
- Academic study and research work :**
« Lie's theory » supervised by Friedrich Wagemann (2011).
« Nishida's theorem » supervised by Laurent Thomann (2010).
- 2006/2009** Degree in Mathematics, University of Nantes, Grade 12.12/20.
- 2005** A levels ,with optional Mathematics, (Lycée A. Camus, Nantes), Grade 14/20.

Professional Experiences :

- 2012/2013** Teacher in Paul Sabatier University in Toulouse in charge of the students for their first two years at University (L1SN).
- Janvier 2012** Teaching training course in La Herdrie High Scool in Basse Goulaine.
- 2009/2011** Teacher in Nantes University in charge of the students for their first two years at University.
- 2007-2012** Private teaching in Mathematics and Physics in Acadomia, Methodia, jassimile.com...

Other information :

- Languages :** English and German : read, spoken, written. TOIEC (820).
- Computing :** Mac and windows environnement. Latex, Word, Works, Excel, Internet, Scilab,

Main research interests

- Probability, isoperimetry, concentration of measure, large deviations, superconcentration phenomenon.
- Logarithmic Sobolev inequalities,
- Analysis, heat kernels, functional inequalities, geometry of Markov semigroups.
- Statistical mechanics, spin glasses, Gibbs measures
- Gaussian measures and processes, probability in Banach spaces, convexity