CURRICULUM VITAE

Henri Elad Altman

PhD student
Laboratoire de Probabilités, Statistique et Modélisation (LPSM)
Université Pierre et Marie Curie
Case Courrier 188, 4 place Jussieu, 75252 Paris cedex 05, France
Email: henri.elad_altman@upmc.fr, eladaltman@lpsm.paris

Homepage: https://www.lpsm.paris/dw/doku.php?id=users:eladaltman:index

Personal data:


Education:

Since September 2016 : PhD student in Probability at Sorbonne Université in Paris, France
Thesis: “Integration by parts formulae for the laws of Bessel bridges, and associated SPDEs”
Advisor: Pr. Lorenzo Zambotti
2014-2015 : Masters degree in Probability, Université Paris-Sud, mention très bien
2012-2016 : Student at Ecole Normale Supérieure (ENS) in Paris
2009-2012 : Student at Louis-le-Grand College, Paris
2009 : Baccalauréat in Science, mention très bien

Publications:


Presentations:

« Bessel-like SPDEs »:
July 2018, contributed talk for the RISM school « Developments in Stochastic Partial Differential Equations », Varese, Italy
June 2018, talk for the Berlin-Oxford meeting at WIAS, Berlin

« Renormalization phenomena in SPDEs with reflection »:
June 2018, talk for the RMR conference « Rough paths, Malliavin Calculus and Applications », Rouen, France

« Random obstacle problems and integration by parts formulae for the laws of Bessel bridges »:
June 2018, presentation for the seminar of the Maths Department of Université d’Orléans
May 2018, presentation for the Phd Seminar "Groupe de travail des thésards du LPSM", Sorbonne Université, Paris

« Integration by parts formulae for the laws of Bessel bridges and SPDEs with reflection »:
May 2018, contributed talk for the conference "Stochastic Partial Differential Equations" at CIRM, Marseilles
April 2018, presentation for the Thursday seminar of the research group "Rough paths, stochastic partial differential equations and related topics" at TU Berlin
Dec 2017, short talk for the 2nd Haifa Probability School at Technion, Haifa
Nov. 2017, presentation for the Probability seminar at Luxembourg University

« Bismut-Elworthy-Li formulae for Bessel processes »:
June 2017, short talk for the PIMS Summer School, Vancouver
May 2017, short talk for the Berlin-Oxford meeting, Berlin
presentation for the Maths PhD seminar at Université Paris-Dauphine
April 2017, presentation for the Probability Seminar at ENSTA Paris Tech, Paris

« Reflecting SPDEs and Bessel bridges »:
July 2016, presentation for the Saint-Flour Summer School, France

« Equations différentielles stochastiques réfléchies et ponts de Bessel »:
June 2016, presentation for the Phd Seminar "Groupe de travail des thésards du LPMA", UPMC, Paris

Summer Schools, conferences and workshops:

Sept-Dec 2018: Participant in the programme "Scaling limits, rough paths, quantum field theory" at the Isaac Newton Institute, Cambridge, UK
July 2018: RISM school "Developments in Stochastic Partial Differential Equations" - In honor of Giuseppe Da Prato, Varese, Italy
June 2018: RMR 2018 "Rough paths, Malliavin Calculus and Applications", Rouen
June 2018: Berlin-Oxford meeting at WIAS, Berlin
May 2018: Conference "Stochastic Partial Differential Equations", CIRM, Marseilles
December 2018: Second Haifa Probability School "Workshop on Stochastic Analysis and Random Fields" at Technion, Haifa
July 2017: 18th Lluis Santalo Summer School "Algebraic and Combinatorial Aspects in Stochastic Calculus" at UIMP, Santander, Spain
June 2017: PIMS Summer School in Vancouver, Canada
May 2017: Berlin-Oxford meeting at WIAS, Berlin
February 2017: Hausdorff School "Recent Development in Singular Stochastic PDEs" at the University of Bonn, Germany
December 2016: "Random Media in Atacama",
Conference in honor of Francis Comets on his 60th birthday, San Pedro de Atacama, Chile
August 2016: CIME-EMS Summer School in Applied Mathematics "Singular Random Dynamics", Cetraro, Italy
July 2016: 46th Probability Summer School Saint-Flour, France
March-April 2016: Workshop "Probabilistic models : from discrete to continuous",
University of Warwick, United Kingdom
February 2016: Workshop "Paths to, in and from Renormalisation", 
**Scientific activities:**

March and July 2018: participation in the project Holomath (presentation on the Brownian motion using an AR device)  
April 2017: Jury member of the French mathematics tournament TFJM  
2016-2017: Co-organizer of the seminar « Groupe de travail des thésards du LPMA »

**Teaching experience:**

April 2018: presentation for the seminar « sensibilisation à l’enseignement », Sorbonne Université, Paris  
March 2018: teaching assistant for the undergraduate Linear Algebra course lecture at Sorbonne Université, Paris  
September-December 2017: teaching assistant for the lecture « Théorie de la mesure, Intégration et Probabilités » at ISUP, Paris  
Summer 2009: English teacher at EET in Shanghai, China

**Skills:**

Computer: LaTex, Scilab.  
Languages: French, English (117/120 on TOEFL, 2012), fluent in German, Hebrew and Chinese.