CURRICULUM VITAE

LORENZO ZAMBOTTI

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Personal data

Born 4/5/1973 in Milan, Italy. Married, one child.

Education

- 1992-96: Student in Mathematics at Pisa University, Italy. On October 26th 1996, Degree in Mathematics "Cum Laude".
- 1994-96: Student at Scuola Normale Superiore (SNS), Pisa. Diploma of SNS "Cum Laude".
- 1997-99: PhD student in Mathematics at SNS. On 25th June 2001, PhD degree "Cum Laude". Thesis: "A Stochastic Parabolic Obstacle Problem", supervisor Prof. Giuseppe Da Prato.

Academic carrier

- From March 1st 2000 to December 29th 2003, Assistant Professor in Mathematics (permanent position) at SNS.
- From December 30th 2003 to August 31st 2006, Associate Professor (permanent position) in Probability and Statistics at Politecnico di Milano, Italy.
- Since September 1st 2006, Professor in Probability at the Laboratoire de Probabilités et Modèles Aléatoires, Université Paris VI France.

Honors and awards

- In 2001, "Bernardini" Prize for the best scientific Thesis of Scuola Normale Superiore, Pisa.
- From October 2012 to Septembre 2017 Junior member of the Institut Universitaire de France.

Date: May 5, 2017.

- In January 2013, invitation to give a *Séminaire Bourbaki* on *The KPZ equation*, at the Institut Henri Poincaré, Paris.
- In July 2015, lecturer at the Saint-Flour probability school in Probability.
- Since 2016, member of the scientific committee of the Saint-Flour probability school in Probability.
- *Council Member* 2015-2019 of Bernoulli Society.

Research positions

- From June 12th 2002 to June 11th 2003, Marie-Curie fellow (IHP-Project of the European Commission) at Bielefeld University, Germany.
- From August 1st to December 31st 2003, research-fellow at Bonn University, Germany, with a Research Position at the SFB 611, project funded by the German Science Foundation.
- In June 2004 visiting Professor at Paris 7 University, France.
- In March 2005 visiting Professor at Ecole Normale Supérieure de Cachan, Rennes, France.
- In June 2005 visitor of Pacific Institute for the Mathematical Sciences, University of British Columbia, Vancouver, Canada.
- In March 2006 visiting Professor at Paris Dauphine University, France.

Editorial activity

- From June 2011 to 2016, Main Editor of the *Annales de l'Institut Henri Poincaré (B)*, with Thierry Bodineau
- Since 2010, associate editor of the *Annales de l'Institut Henri Poincaré (B)*
- From 2006 to 2011, associate editor of the journal *Potential Analysis*

Other duties

- Member of the executive committee of the *Fondation Sciences Mathématiques de Paris*, 2011-15.
- Deputy director of the Laboratoire de Probabilités et Modèles Aléatoires (LPMA), 2011-13 and since 2016.

Grants

- Member of the collective project ECRU on rough paths funded by the ANR (Agence Nationale de la Recherche), 2009-2012.
- Member of the ANR collective project SHEPI on non-equilibrium statistical mechanics, 2011-2014.
- Member of the ANR collective project ANR LSD - Large Stochastic Dynamical Models in Non-Equilibrium Statistical Physics, 2017-2020

Publications

(1) Lorenzo Zambotti (2017), *Random Obstacle Problems*, Lecture Notes in Mathematics 2181, Ecole d't de Probabilits de Saint-Flour, Springer.

(2) Mauro Mariani, Lorenzo Zambotti (2016), *Large deviations for the empirical measure of heavy tailed Markov renewal processes*, Advances in Applied Probability, **48** 3, pp. 648-671.
(3) J. Berestycki, L. Doering, L. Mytnik, L. Zambotti, (2015), *Hitting properties and non-uniqueness for SDE driven by stable processes*, Stochastic Processes and their Applications **125**, pp. 918-940.
(4) Mauro Mariani, Lorenzo Zambotti (2014), *A renewal version of the Sanov theorem*, Electronic Communications in Probability, vol. 19, article 69.
(5) L. Zambotti (2014), *L'quation de Kardar-Parisi-Zhang*, Sminaire Bourbaki n. 1066, Astrisque 361, 251-269.
(6) J. Berestycki, L. Doering, L. Mytnik, L. Zambotti, (2014), *On Exceptional Times for generalized Fleming-Viot Processes with Mutations*, Stochastic Partial Differential Equations: Analysis and Computations, Vol. 2, no.1, 84-120
(7) Said Karim Bounebache, L. Zambotti, (2014), *A skew stochastic heat equation*, Journal of Theoretical Probability: Volume 27, Issue 1, 168-201.
(8) R. Lefevere, M. Mariani, L. Zambotti, (2012), *Large deviations for a random speed particle*, ALEA, Vol. IX, pages 739-760.
(9) J. Buzzi, L. Zambotti (2012), *Approximate maximizers of intricacy functionals*, Probability Theory and Related Fields, Volume 153, Numbers 3-4, 421-440.
(10) J. Buzzi, L. Zambotti (2012), *Mean mutual information and symmetry breaking for finite random fields* Annales de l'IHP (B) Probabilités et Statistique, Vol. 48, No. 2, 343-367
(11) R. Lefevere, M. Mariani, L. Zambotti, (2011) *Large deviations of the current in stochastic collisional dynamics*, J. Math. Phys. 52 (2011), no. 3.
(12) R. Lefevere, M. Mariani, L. Zambotti, (2011) *Large deviations for renewal processes*, Stochastic Processes and Their Applications, Volume 121, Issue 10, 2243-2271.
(13) R. Normand, L. Zambotti (2011), *Uniqueness of post-gelation solutions of a class of coagulation equations*, Ann. Inst. H. Poincaré Anal. Non Linéaire, vol. 28, no. 2, 189-215.
(14) R. Lefevere, M. Mariani, L. Zambotti, (2010) *Macroscopic fluctuations theory of aerogel dynamics*, Journal of Statistical Mechanics, Vol. 2010, Issue 12.
(15) R. Lefevere, L. Zambotti (2010), *Hot scatterers and tracers for the transfer of heat in collisional dynamics*, J. Stat. Phys. Volume 139, 4, Page 686–713.
(16) L. Ambrosio, G. Savaré, L. Zambotti (2009), *Existence and Stability for Fokker-Planck equations with log-concave reference measure*, Probability Theory and Related Fields, vol. 145, 517-564.
(17) L. Zambotti (2008), *A conservative evolution of the Brownian excursion*, Electronic Journal of Probability, vol. 13, 1096-1119.
(18) Max-K. Von Renesse, M. Yor, L. Zambotti, (2008) *Quasi-invariance properties of a class of subordinators*, Stochastic Processes and Their Applications, vol. 188 no. 1, 2038-2057.

(19) L. Zambotti, (2008) *Fluctuations for a conservative interface model on a wall*, ALEA, **4**, pp. 167-184.
(20) F. Caravenna, G. Giacomin, L. Zambotti, (2007) *Infinite volume limits of polymer chains with periodic charges*, Markov Processes and related Fields, vol. 13 no. 4, 697-730.
(21) F. Caravenna, G. Giacomin, L. Zambotti, (2007), *A renewal theory approach to periodic copolymers with adsorption*, Annals of Applied Probability, **17**, no. 4, 1362-1398.
(22) A. Debussche, L. Zambotti, (2007), *Conservative Stochastic Cahn-Hilliard equation with reflection*, Annals of Probability, vol. 35, no. 5, 1706-1739.
(23) L. Zambotti, (2006), *Convergence of approximations of monotone gradient systems*, Journal of Evolution Equations, **6** no. 4, 601-619
(24) Robert C. Dalang, Carl Mueller, L. Zambotti, (2006), *Hitting properties of parabolic s.p.d.e.'s with reflection*, Annals of Probability, **34** no. 4, 1423-1450.
(25) F. Caravenna, G. Giacomin, L. Zambotti, (2006), *Sharp asymptotic behavior for wetting models in (1+1)-dimension*, Electronic Journal of Probability, **11**, 345-362.
(26) J.-D. Deuschel, G. Giacomin, L. Zambotti, (2005), *Scaling limits of equilibrium wetting models in (1+1)–dimension*, Prob. Theory and Rel. Fields, **132** no. 4, 471 - 500.
(27) L. Zambotti (2005), *Integration by parts on the law of the reflecting Brownian motion*, J. Funct. Anal., **223** no. 1, 147-178.
(28) J.-D. Deuschel, L. Zambotti, (2005), *Bismut-Elworthy's formula and random walk representation for SDEs with reflection*, Stochastic Process. Appl., **115** no. 6, pp 907-925.
(29) L. Zambotti, (2005), *Ito-Tanaka's formula for SPDEs driven by additive space-time white noise*, in STOCHASTIC PARTIAL DIFFERENTIAL EQUATIONS AND APPLICATIONS - VII, edited by G. Da Prato and L. Tubaro, pp. 337-347, Taylor & Francis Group.
(30) M. Yor, L. Zambotti (2004), *A Remark About the Norm of a Brownian Bridge*, Statist. Probab. Lett., **68** no. 3, 297–304.
(31) L. Zambotti, (2004), *Fluctuations for a $\nabla\varphi$ interface model with repulsion from a wall*, Prob. Theory and Rel. Fields, **129** no. 3, 315-339.
(32) L. Zambotti, (2004), *Occupation densities for SPDEs with reflection*, Annals of Probability, **32** no. 1A, 191-215.
(33) S. Bonaccorsi, L. Zambotti, (2004), *Integration by parts on the Brownian Meander*, Proc. Amer. Math. Soc., **132** no. 3, 875-883.
(34) L. Zambotti, (2003), *Integration by parts on δ-Bessel Bridges, $\delta > 3$, and related SPDEs*, Annals of Probability, **31** no. 1, 323-348.
(35) L. Zambotti, (2002), *Integration by parts formulae on convex sets of paths and applications to SPDEs with reflection*, Probab. Theory Related Fields, **123** no. 4, 579–600.

(36) L. Zambotti, (2002), *Integration by parts on Bessel Bridges and related Stochastic Partial Differential Equations*, C. R. Acad. Sci. Paris, Ser. I, **334** no. 3, 209-212.
(37) L. Zambotti, (2001), *A reflected stochastic heat equation as symmetric dynamics with respect to the 3-d Bessel bridge*, J. Funct. Anal. **180** no. 1, 195–209.
(38) L. Zambotti, (2000), *An analytic approach to existence and uniqueness for martingale problems in infinite dimensions*, Probab. Theory Related Fields **118** no. 2, 147–168.
(39) E. Priola, L. Zambotti, (2000), *New optimal regularity results for infinite dimensional elliptic equations*, Boll. Unione Mat. Ital. Sez. B Artic. Ric. Mat. (8), **3** no. 2, 411–429.
(40) L. Zambotti, (1999), *Infinite-dimensional elliptic and stochastic equations with Hölder-continuous coefficients*, Stochastic Anal. Appl., **17** no. 3, 487–508.

Preprints

(41) Y. Bruned, M. Hairer, L.Z., *Algebraic renormalisation of regularity structure*, preprint (2016).

PhD students

(1) Raoul NORMAND-LAMBERT, co-supervised with Jean Bertoin. Thesis "Random and deterministic models of limited aggregation and gelation phenomena" defended on 10/10/2011. Presently post-doc at Toronto University under the supervision of Jeremy Quastel and Balint Virag.
(2) Eric LUCON, co-supervised with Giambattista Giacomin. Thesis "Coupled oscillators, disorder and synchronisation" defended on 19/06/2012. Presently Assistant Professor with tenure at the University of Paris-Descartes.
(3) Said Karim BOUNEBACHE. Thesis "Stochastic Partial Differential Equations of Parabolic Type with Singular potential" defended on 21/06/2012. Presently consultant.
(4) Julien Reygner, co-supervised with Benjamin Jourdain. Thesis "Comportements en temps long et à grande échelle de quelques dynamiques de collision" defended on 24/11/2014.
(5) Yvain Bruned. Thesis "Singular SPDEs of KPZ type", defended on December 14th 2015.
(6) Currently supervising: Olga Lopusanschi (jointly with Damien Simon), Nikolas Tapia (jointly with Daniel Remenik), Henri Elad-Altman, Carlo Bellingeri.

Post-doc mentored

(1) Leif Döring, from 2010 to 2012. Two-years grant of the Fondation Sciences Mathématiques de Paris. Later post-doc at Zurich University under the supervision of Jean Bertoin. Presently Professor at Mannheim University.

Organization of conferences

(1) Co-organizer of the workshop *Stochastic Partial Differential Equations*, 3-8 April 2006, Centro di Ricerca Matematica Ennio de Giorgi, Pisa, Italy.
(2) Co-organizer of the workshop *Hydrodynamic limits and Particle Systems*, 5-10 June 2006, Centro di Ricerca Matematica Ennio de Giorgi, Pisa, Italy.
(3) Co-organizer of the workshop *Rough paths in interaction*, 10-11 June 2010, Institut Henri Poincaré, Paris.
(4) Co-organizer of the workshop *Interacting Particle Systems and related Topics*, 27-31 August 2012, Florence.
(5) Co-organizer of the "Conference in memory of Marc Yor", 3-5 June 2015, Paris.
(6) Co-organizer of the semester *Scaling Limits, Rough Paths, Quantum Field Theory* at the Newton Institute in Cambridge for the fall 2018.
(7) Organiser of a session "Regularity structures" at the conference Stochastic Processes and their Applications SPA2017, Moscow.
(8) Co-organiser of the workshop "Stochastic Differential Equations" in Mannheim, 23-24 June 2016.

Recent teaching experience

(1) *Limit theorems and large deviations*, 48 hours, since 2011.
(2) *Advanced Probability*, 48 hours, from 2006 to 2011.
(3) *Stochastic partial differential equations*, 24 hours, from 2007 to 2010.
(4) *Introduction to complete financial markets*, 24 hours, from 2008 to 2011.
(5) *Integration and measure theory*, 48 hours, from 2006 to 2007.
(6) *Introduction to C/C++*, 36 hours, from 2011 to 2013.
(7) From 2011 to 2013, half-time professor at Ecole Normale Supérieure, Paris.

Advanced teaching

(1) Course in the summer school "Escuela Santaló", 17-21 July 2017, Santander.
(2) Cours in the winter school "Recent developments in singular stochastic PDEs", 20-24 February 2017, Bonn.
(3) Course on "Renormalisation in regularity structures" in Potsdam, 8-12 February 2016.
(4) Course on "Random obstacle problems" in the Saint-Flour summer school in Probability, 6-17 July 2015.
(5) Course on "Regularity Structures" in Milan, 2-6 February 2015.
(6) Course on "Regularity Structures" in Santiago du Chili, 24-25 July 2014.

Participation to recent conferences

(1) "Fields Medal Symposium in honour of Martin Hairer", 16-19 October 2017, Fields Institute, Toronto.
(2) "Stochastic Processes and their Applications" SPA2017, July 2017, Moscow.
(3) "Stochastic Analysis: Geometry of Random Processes", Oberwolfach, 28th May-3rd June 2017.
(4) "Stochastic PDEs: Analysis and Computation Workshop", 27-31 March 2017, Warwick.

(5) "Thematic day on Stochastic Analysis", 25 January 2017, Barcelona.
(6) "Stochastic Partial Differential Equations and related fields", 11 - 14 October 2016, Bielefeld (D).
(7) "Stochastic Partial Differential Equations and Applications - X", 29 May - 4 June 2016, Levico (Italie).
(8) 19th Internet Seminar: "Infinite Dimensional Analysis", 30 mai - 4 June 2016, Casalmaggiore (Italie).
(9) "Stochastic Partial Differential Equations", 15-21 May 2016, Simons Center, New York.
(10) "Rough Paths, Regularity Structures and Related Topics", 1-7 mai 2016, Oberwolfach.
(11) "Probabilistic models - from discrete to continuous, 29 March-1 April 2016, Warwick (UK).
(12) "Stochastic PDE's, Large Scale Interacting Systems and Applications to Biology", 9-11 March 2016, Orsay.
(13) "Paths from and to renormalisation", 8-12 February 2016, Potsdam.
(14) "New challenges in PDE: Deterministic dynamics and randomness in high and infinite dimensional systems", 19-30 October 2015, MSRI Berkeley.
(15) Confrence in Honour of Vlad Bally, 6-9 October 2015, Le Mans.
(16) "2014 Fields Medalists Symposium", Bruxelles, 12 November 2014. Titre de l'expos : "Martin Hairer: Stochastic Partial Differential Equations and Renormalization".
(17) "37th Conference on Stochastic Processes and their Applications", Buenos Aires, July 2014. Titre de l'expos : "The generalized KPZ equation".
(18) "Rough Paths: Theory and Applications", IPAM - UCLA (Californie), January 27 - 31, 2014. Titre de l'expos : "The generalized KPZ equation".
(19) "Stochastic Partial Differential Equations and Applications IX", Levico (Italie), 6-11 January 2014. Titre de l'expos : "The generalized KPZ equation".
(20) "6th International Conference on Stochastic Analysis and Its Applications" Bedlewo, Poland, 10-14 September 2012. Title of the talk: "CSBPs with immigration and Fleming-Viot processes with mutation"
(21) "STAN DAYS 2012", Nancy May 9-10-11, 2012. Title of the talk: "CSBPs with immigration and Fleming-Viot processes with mutation"
(22) "Stochastic Analysis and Stochastic PDEs", Warwick University (UK), 16-20 April 2012. Title of the talk: "CSBPs with immigration and Fleming-Viot processes with mutation"
(23) "11th workshop on Stochastic Analysis on Large Scale Interacting Systems", Kochi University (Japan), 5-7 December 2011. Title of the talk: "How to maximize neural complexity".
(24) "New Questions in Probability Theory Arising in Biological Systems", Mathematical Biosciences Institute (Ohio), 12-16 september 2011. Title of the talk: "How to maximize neural complexity".

(25) Workshop on the "Fourier Law and Related Topics", April 4-8, 2011 at the Fields Institute, Toronto (Canada). Title of the talk: "Large deviations for the transfer of heat in collisional dynamics".
(26) "5th Conference on 21st Century Mathematics 2011", Lahore (Pakistan), 9-13 february 2011. Title of the talk: "Neural complexity, An entropic functional on families of random variables from theoretical biology".
(27) 73rd Annual Meeting of the IMS, Gothenburg, 9-13 august 2010. Title of the talk: "Large deviations for the transfer of heat in collisional dynamics".
(28) Rencontres de Probabilités, 26-27 may 2010, Université de Rouen.
(29) Conference "Stochastic Analysis, SPDEs, Particle Systems, Optimal Transport, Levico Terme, 24-30 january 2010. Title of the talk: "An entropic functional on families of random variables from theoretical biology"
(30) Conference "Stochastic models in neuroscience", Luminy 18-22 january 2010. Title of the talk: A probabilistic study of neural complexity.
(31) Workshop "Stochastic Partial Differential Equations", Isaac Newton Institute, Cambridge (UK) 4-8 january 2010. Title of the talk: "Large deviations for the transfer of heat in collisional dynamics"
(32) Conference *SPA 2009*, Berlin, 27-31 july 2009. Title of the talk: Hot scatterers and tracers for the transfer of heat in collisional dynamics.
(33) Workshop *Stochastic Analysis*, Oberwolfach, 1 june - 6 june 2008.
(34) Workshop *New scaling limits and other recent developments in probability*, Warwick (UK), 31 march - 4 April 2008. Title of the talk: Scaling limits of polymer models.
(35) Workshop *Dirichlet Forms, Stochastic Analysis and Interacting Systems*, Berlin (D), 17th - 21st Sept 2007. Title of the talk: Applications of optimal transport theory to stochastic equations.
(36) Workshop *Large Scale Stochastic Dynamics*, Oberwolfach (D), August 26th - September 1st, 2007. Title of the talk: Scaling limits of reversible processes with log-concave invariant measures.
(37) Journée *Rencontres EDP/Probas*, 2 may 2007, IHP Paris. Title of the talk: Equations stochastiques avec obstacles convexes et transport optimal.
(38) Workshop *SPDE Cornell meeting*, 21-25 April 2007, Cornell University, Ithaca (NY). Title of the talk: SPDEs with convex potential.
(39) Workshop *Dirichlet Forms, Stochastic Analysis and Interacting Systems*, Berlin (D), 17th - 21st Sept 2007. Title of the talk: Applications of optimal transport theory to stochastic equations.
(40) Workshop *Large Scale Stochastic Dynamics*, Oberwolfach (D), August 26th - September 1st, 2007. Title of the talk: Scaling limits of reversible processes with log-concave invariant measures.
(41) Journée *Rencontres EDP/Probas*, 2 may 2007, IHP Paris. Title of the talk: Equations stochastiques avec obstacles convexes et transport optimal.
(42) Workshop *SPDE Cornell meeting*, 21-25 April 2007, Cornell University, Ithaca (NY). Title of the talk: SPDEs with convex potential.

(43) Workshop on *Polymer models and related topics*, 20-21 february 2007, Nice, France. Title of the talk: Scaling limits of periodic co-polymers.
(44) Workshop on *Computational Aspects of Stochastic Partial Differential Equations*, 17 - 22 September 2006, Salzburg, Austria. Title of the talk: Reversible SPDEs with log-concave invariant measures.
(45) 31st Conference *Stochastic Processes and their Applications*, 17 - 21 July 2006, Paris, France. Title of the talk: Stochastic PDEs with reflection and conservation of the space average.
(46) Leipzig, Germany, September 11-17 2005, *Workshop on Random Interfaces and Directed Polymers.*
(47) Cetraro, Italy, August 29 - September 3 2005, *SPDE in hydrodynamics: recent progress and prospects.* Title of the talk: Stochastic Cahn-Hilliard equation with reflection.
(48) University of British Columbia, Vancouver, Canada, July 4-8, 2005, *Workshop on Uniqueness Questions for Infinite Dimensional Diffusions.* Title of the talk: On reversible solutions of SPDEs.
(49) PIMS, University of British Columbia, Vancouver, Canada, June 6-30 2005, *PIMS summer school in probability.* Title of the talk: Periodic copolymers near a selective interface
(50) Bielefeld, Germany, April 4-8, 2005, *Stochastic partial differential equations and random media: From theory to applications.* Title of the talk: A stochastic PDE related to the reflecting Brownian motion.
(51) Bonn, Germany, 13–15 December 2004, *Symposium on Stochastic Calculus with Applications in Geometry and Analysis.* Title of the talk: Integration by parts on the law of the reflecting Brownian motion.
(52) Rouen, France, 1–3 June 2004, Rencontres de Probabilités: *Systèmes de Particules, Mécanique Statistique.* Title of the talk: Scaling limits of equilibrium wetting models in (1+1)-dimension.
(53) Levico, Italy, 5–10 January 2004, *Stochastic Partial Differential Equations and Applications - VII.* Title of the talk: Ito-Tanaka formula for SPDEs.
(54) Banff International Research Station, Canada, 27 September - 3 October 2003, *Stochastic partial differential equations.* Title of the talk: When time of BM becomes space of a SPDE
(55) Milano, Italy, 8-13 September 2003, *Convegno UMI.* Title of the talk: Sull'evoluzione di interfacce aleatorie.
(56) Warwick, United Kingdom, 4-15 August 2003, *SPDE and Related Topics.* Title of the talk: Fluctuations for interacting particle systems with repulsion from a wall.
(57) Roscoff, France, 19-23 May 2003, TMR Workshop *Evolution Equations for Deterministic and Stochastic Systems.* Title of the talk: Neumann boundary conditions at a corner.
(58) Kobe, Japan, 8-10 September 2002, *Stochastic analysis and Markov processes.* Title of the talk: Stochastic Partial Differential Equations with Reflection and Random Strings.

(59) Beijing, China, 29 August - 3 September 2002, *First Sino-German Meeting on Stochastic Analysis* - Satellite Conference to the ICM 2002 Chinese. Title of the talk: SPDEs with reflection and applications to interacting particle systems
(60) Ascona, Switzerland, 20-24 May 2002, *Stochastic Analysis, Random Fields and Applications.* Title of the talk: Occupation densities for solutions of SPDEs with reflection.
(61) Milano, Italy, 17-18 January 2002, *Workshop on Stochastic Calculus and Stochastic Processes.* Title of the talk: Integration by parts on Bessel Bridges and related Stochastic Partial Differential Equations.
(62) Levico Terme, Italy, 7-12 January 2002, *Stochastic PDEs and applications - VI.* Title of the talk: Bessel Bridges and related SPDEs.

Recent invitations abroad

(1) University of Maryland, January 2013.
(2) Technion, Haifa, July 2012.
(3) Isaac Newton Institute, Cambridge (UK), February 2010, for the semester "SPDEs".
(4) Courant Institute, New York University, invited by Martin Hairer, 28 November - 5 December 2009.
(5) University of Maryland, invited by Sandra Cerrai, 10-20 April 2009.
(6) Tokyo University, invited by Tadahisa Funaki, 10-24 february 2008
(7) Technion, Haifa, invited by Leonid Mytnik, 10-17 mai 2007.

Invited seminars in the following Universities:

Berlin TU, Bielefeld, Bochum, Bonn, Bristol, Technion (Haifa), Lausanne EPFL, Leipzig, Lille, Madrid UAM, Madrid UCM, Marseille UP, University of Maryland (MD), Milano Politecnico, Milano Bicocca, Nancy, New York University, Paris V, Paris VI, Paris VII, Paris XIII, Roma 1, Roma 3, Rennes 1, Rochester NY, Sophia Antipolis (INRIA), Tokyo, Trento, York, Zurich ETH.

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