

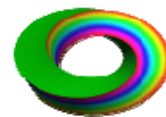
WORKSHOP

Stochastic and Infinite Dimensional Analysis

Christopher C. Bernido (Jagna, PHI), Maria Victoria Carpio-Bernido (Jagna, PHI), Martin Grothaus (Kaiserslautern, GER), Tobias Kuna (Reading, GBR), Maria João Oliveira (Lisbon, POR), and José Luís da Silva (Funchal; POR)

June 24 - 28, 2013

The conference is funded by:



Faculty of Mathematics
Collaborative Research Centre 701
Spectral Structures and Topological Methods in Mathematics

Monday	Tuesday	Wednesday	Thursday	Friday
9:15-9:45 Registration	9:00-9:50 J. Klauder	9:00-10:00 P. Blanchard	9:00-9:50 R. Vilela Mendes	9:00-9:50 M. Sirugue-Collin
9:45-10:00 Welcome Session	10:00-10:30 Coffee Break	10:00-10:30 Coffee Break/ Conference Photo	10:00-10:30 Coffee Break	10:00-10:30 Coffee Break
10:00-10:50 T. Hida	10:30-11:20 W. Bock	10:30-11:20 S. Albeverio	10:30-11:20 M. C. Carvalho	10:30-11:20 M. O. Hongler
11:00-11:30 Coffee Break	11:30-12:20 G. Shevchenko	11:30-11:40 U. Davy/ZiF	11:30-12:20 T. Melcher	11:30-12:20 J. Klauder
11:30-12:20 M. Roeckner	12:30-14:30 Lunch	11:40-12:30 Y. Kondratiev	12:30-14:30 Lunch	Closing of the Workshop
12:30-14:30 Lunch	14:30-15:20 J. Bornales	12:40-14:00 Lunch	14:30-15:20 L. Vázquez	
14:30-15:20 T. Kuna	15:30-16:00 Coffee Break	Free Time	15:30-16:00 Coffee Break	
15:30-16:00 Coffee Break	16:00-16:50 M. V. Bernido		16:00-16:50 M. Barber	
16:00-16:50 M. Infusino	17:00-17:50 C. C. Bernido			
17:00-17:50 J. L. Silva				
18:00-19:30 Welcome Reception		18:30 Banquet in honour of Ludwig Streit		

Monday, June 24, 2013

09.15-09.45	Registration
09.45-10.00	Welcome Session
10.00-10.50	38 Years with Ludwig Takeyuki Hida, Nagoya, Japan
11.00-11.30	Coffee Break
11.30-12.20	Extinction for the Stochastic Bounded Variation Flow Michael Röckner, University of Bielefeld, Germany
12.30-14.30	Lunch
14.30-15.20	Generic Properties of the Distribution of Extreme Events of Chaotic Systems for Generic Observables Tobias Kuna, University of Reading, United Kingdom
15.30-16.00	Coffee Break
16.00-16.50	The full Infinite Dimensional Moment Problem for Semi-Algebraic Sets of Generalized Functions Maria Infusino, University of Reading, United Kingdom
17.00-17.50	Grey Brownian Motion Local Times: An Approximation Result José Luís da Silva, University of Madeira, Funchal, Portugal
18.00 - 19.30	Welcome Reception

Tuesday, June 25, 2013

09.00-09.50	Completing Canonical Quantization John R. Klauder, University of Florida, USA
10.00-10.30	Coffee Break
10.30-11.20	Hamiltonian Path Integrals in White Noise Analysis Wolfgang Bock, Technical University Kaiserslautern, Germany
11.30-12.20	Long Memory, Power Variations, and Statistics of Mixed Models G. Shevchenko, Taras Shevchenko National University of Kiev, Ukraine
12.30-14.30	Lunch
14.30-15.20	Conformations of Chain Polymers with Long Range Interactions Jinky Bornaes, Mindanao State University - Iligan Institute of Technology, Philippines
15.30-16.00	Coffee Break
16.00-16.50	On a Segmental Sampling Algorithm for the Hurst Exponent Maria Victoria Carpio-Bernido, Central Visayan Institute Foundation, Philippines

17.00-17.50 **Diffusion with Memory on Spaces with Topological Constraints**
 Christopher C. Bernido, Central Visayan Institute Foundation, Philippines

Wednesday, June 26, 2013

09.00-10.00 **On 26th Something About Ludwig**
 Philippe Blanchard, University of Bielefeld, Germany

10.00-10.30 Coffee Break/Conference Photo

10.30-11.20 **On Paths Inspired by Ludwig – SPDEs Related to Quantum Fields and Neurons**
 Sergio Albeverio, University of Bonn, Germany

11.30-11.40 Prof. Dr. Ulrike Davy, Managing Director of ZiF

11.40-12.30 **Random Discrete Measures**
 Yuri Kondratiev, University of Bielefeld, Germany

12.40-14.00 Lunch

Thursday, June 27, 2013

09.00-09.50 **Nonlinear PDE's: Stochastic Solutions and Superprocesses**
 Rui Vilela Mendes, University of Lisbon, Portugal

10.00-10.30 Coffee Break

10.30-11.20 **Recent Progress on Kac's Probabilistic Approach to Kinetic Theory**
 Maria da Conceição Carvalho, University of Lisbon, Portugal

11.30-12.20 **Smoothness Properties of Heat Kernel Measures on Infinite-Dimensional Nilpotent Groups**
 Tai Melcher, University of Virginia, USA

12.30-14.30 Lunch

14.30-15.20 **Modelization Issues of the Martian Radiation and Atmosphere**
 Luis Vázquez, Universidad Complutense de Madrid, Spain

15.30-16.00 Coffee Break

16.00-16.50 **Detecting Hierarchical Communities in Networks: a New Approach**
 Michael Barber, Austrian Institute of Technology, Austria

Friday, June 28, 2013

09.00-09.50	Bielefeld-Marseille - A German-French Connection Madeleine Sirugue-Collin, Centre de Physique Théorique, Université d'Aix-Marseille, France
10.00-10.30	Coffee Break
10.30-11.20	Multi-Agents Models. From Analytical Solutions to Robotic Implementations Max-Olivier Hongler, École Polytechnique Fédérale de Lausanne, Switzerland
11.30-12.20	Field Quantization Without Divergences John R. Klauder, University of Florida, USA
	Closing of the Workshop
