



Hotel La Plage  
Cabo Frio, RJ, Brazil  
November 17 - 22, 2014

Thematic Program on  
Probability Theory and Rigorous Statistical Mechanics

## Workshop on First-Passage Percolation

We hereby certify that, **Alexandre Stauffer, University of Bath**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Random walk on dynamical percolation**”.

Cabo Frio, November 22, 2014.

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We hereby certify that, **Anders Martinsson, Chalmers University of Technology**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: **“First passage percolation on the n-dimensional hypercube and other n-fold product graphs”**.

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We hereby certify that, **Arjun Krishnan, University of Toronto**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Variational formula for the time-constant of first-passage percolation.**”.

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We hereby certify that, **Augusto Quadros Teixeira**, Instituto Nacional de Matemática Pura e Aplicada, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Interface motion in random media**”.

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We hereby certify that, **Christopher Hoffman, University of Washington**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**The frog model on trees**”.

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We hereby certify that, **Daniel Ahlberg**, **IMPA - Pós-Doutorando**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Open problems**”.

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We hereby certify that, **Dey, Partha, University of Illinois at Urbana-Champaign**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: **“Multiple phase transitions in long-range first-passage percolation on square lattices.”**.

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We hereby certify that, **Elisabetta Candellero, University of Warwick**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Oil and Water: a two-type internal aggregation model**”.

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We hereby certify that, **Eviatar B. Procaccia, University of California**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Stationary aggregation processes and first passage percolation.**”.

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We hereby certify that, **Heinrich Matzinger, Georgia Institute of Technology**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Longest common subsequences, optimal alignments in relation to percolation models**”.

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We hereby certify that, **Hubert Lacoin**, Instituto Nacional de Matemática Pura e Aplicada, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Counting self-avoiding paths on a supercritical percolation cluster.**”.

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We hereby certify that, **James Martin, Oxford University**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**First-passage and last-passage percolation, particle systems and queues**”.

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We hereby certify that, **Kenneth S. Alexander**, **University of Southern California**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Some themes in first passage percolation and directed polymers**”.

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We hereby certify that, **Leandro Pinto Rodrigues Pimentel**, **Universidade Federal do Rio de Janeiro**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Duality Between Coalescence Times and Exit Points in Last-Passage Percolation Models.**”.

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We hereby certify that, **Lionel Levine, Massachusetts Institute of Technology**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Toward a theory of lattice-dependent growth processes**”.

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We hereby certify that, **Marchand Regine, Université de Lorraine**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**First-passage percolation with infinite passage times.**”.

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We hereby certify that, **Marie Théret, Paris VII - Université Denis Diderot**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Maximal flows : a different aspect of first-passage percolation**”.

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We hereby certify that, **Nicos Georgiou, Univ. of Sussex**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Busemann functions as solutions to variational formulas**”.

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We hereby certify that, **Philippe Sosoe, Harvard University**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Concentration in First-Passage Percolation**”.

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We hereby certify that, **Robert Morris**, Instituto Nacional de Matemática Pura e Aplicada, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Nucleation and growth on  $Z^2$** ”.

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We hereby certify that, **Tonci Antunovic, University of California**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Stationary Eden Model**”.

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We hereby certify that, **Vincent Tassion, Univ. Genevre**, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**A universal behavior in Divide-and-Color percolation**”.

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We hereby certify that, **Vladas Sidoravicius**, Instituto Nacional de Matemática Pura e Aplicada, participated in the Workshop on First-Passage Percolation – Thematic Program on Probability Theory and Rigorous Statistical Mechanics, held at Cabo Frio - Rio de Janeiro, from November 17 to 22, 2014 and presented the following work: “**Open problems**”.

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