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We hereby certify that, **Adrian Pablo Hinojosa Luna - Universidade Federal de Minas Gerais** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Determinação do OpVar e TVaR no Risco Operacional mediante o ABC**”.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

Rio de Janeiro, August 06, 2011.

A handwritten signature in blue ink, which appears to read 'Claudio Landim', is written in a cursive style.

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Organizing Committee



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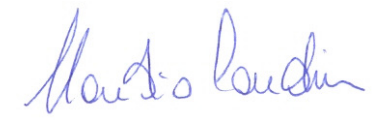


We hereby certify that, **Alex Rodrigo dos Santos Sousa - IMECC** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: **“Aplicação de técnicas não paramétricas para predição de concentrações de constituintes de uma substância via Lei de Beer-Lambert.”**.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

Rio de Janeiro, August 06, 2011.



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We hereby certify that, **Alexei Magalhães Veneziani - Universidade Federal do Abc** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Conformal deformation of equilibrium measures in normal random ensembles**”.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

Rio de Janeiro, August 06, 2011.

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We hereby certify that, **Amanda Lenzi - IMECC** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: **“Aplicação de técnicas não paramétricas para predição de concentrações de constituintes de uma substância via Lei de Beer-Lambert.”**.



Mambucaba, Rio de Janeiro
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Rio de Janeiro, August 06, 2011.

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We hereby certify that, **Andrei Toom - Universidade Federal de Pernambuco** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Trajectories of slow random monads have phases**”.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

Rio de Janeiro, August 06, 2011.

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We hereby certify that, **Aniura Milanes Barrientos - Universidade Federal de Minas Gerais** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**A general formulation of density estimation in the sphere**”.

Rio de Janeiro, August 06, 2011.

A handwritten signature in blue ink, reading "Claudio Landim".

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Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011



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We hereby certify that, **Azrielex Andrés Arias Rodríguez - Instituto de Matemática e Estatística** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Context tree modeling of spike trains**”.

Rio de Janeiro, August 06, 2011.

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Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011



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We hereby certify that, **Christophe Gallesco - Instituto de Matemática e Estatística** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Conditional quenched CLT for random walks among random conductances on \mathbb{Z}^d** ”.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

Rio de Janeiro, August 06, 2011.

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We hereby certify that, **Cristian Favio Coletti - Universidade Federal do Abc** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**A Class of Ergodic Interacting Particle System**”.



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We hereby certify that, **Debora Borges Ferreira - Universidade Federal do Rio Grande do Norte** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Convergence in Mallows Distance**”.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

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We hereby certify that, **Désirée Faria Fadel - IMECC** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Variable Memory Autoregressive Models**”.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

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We hereby certify that, **Diego Fernando de Bernardini - IMECC** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Bayesian Inference for Extremes**”.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

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We hereby certify that, **Douglas Rodrigues Pinto - Instituto de Matemática e Estatística** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**A study of context tree estimation via BIC**”.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

Rio de Janeiro, August 06, 2011.

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We hereby certify that, **Erika Alejandra Rada Mora - Instituto de Matemática e Estatística** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: **“The overlapping function of words generated by correlated random variables.”**.



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31 de julho a 6 de agosto de 2011

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We hereby certify that, **Estéfano Alves de Souza - Instituto de Matemática e Estatística** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: **“Interactions on Ising Model: A Result About Coupling Between Long Range and Finite Range Glauber Dynamics”**.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

Rio de Janeiro, August 06, 2011.

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We hereby certify that, **Fabio Marcellus Lopes - Stockholm University** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Two color invariant graphs on point processes**”.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

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We hereby certify that, **Gabriel Ribeiro da Cruz Peixoto - Instituto de Matemática e Estatística** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**A study on the non-homogeneous K-Process**”.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

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We hereby certify that, **Glauco Valle da Silva Coelho - Universidade Federal do Rio de Janeiro** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Hydrodynamics for an exclusion process perturbed by shift operators**”.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

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We hereby certify that, **Heloisa Maria de Oliveira - IMECC** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Analysis of queueing networks with state-dependent routing according to the join the fastest queue and join the smallest workload routing policy**”.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

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We hereby certify that, **Iesus Carvalho Diniz - Universidade Federal do Rio Grande do Norte** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Counting the intersections of random segments**”.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

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We hereby certify that, **José David Campos - PUC de Chile - Santiago** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Level 1 quenched large deviation principle for random walk in dynamic random environment**”.



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We hereby certify that, **Karina Yuriko Yaginuma - Instituto de Matemática e Estatística** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Probabilistic Forests**”.



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We hereby certify that, **Lina Dornelas Thomas - Instituto de Matemática e Estatística** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Building gene expression networks using bayesian statistics**”.

Rio de Janeiro, August 06, 2011.

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Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011



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We hereby certify that, **Lucas Moreira - IMECC** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work:
“Random perturbations of stochastic processes with unbounded variable length memory”.



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31 de julho a 6 de agosto de 2011

Rio de Janeiro, August 06, 2011.



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We hereby certify that, **Luciene Pinheiro Lopes - Universidade de Brasilia** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Weighted Correlation Tests and Similarity of Distributions**”.



Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011

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We hereby certify that, **Magno Alves de Oliveira - Universidade de Brasilia** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Modeling of traffic in communication networks**”.



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31 de julho a 6 de agosto de 2011

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We hereby certify that, **Manuel Alejandro Gonzalez Navarrete - Instituto de Matemática e Estatística** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Type-dependent interacting particle systems and their applications in the study of signaling biological networks**”.



Mambucaba, Rio de Janeiro
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We hereby certify that, **Manuel Cabezas - PUC de Chile - Santiago** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**sub-gaussian lower bound for the one-dimensional Bouchaud trap model**”.



Mambucaba, Rio de Janeiro
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We hereby certify that, **Márcio Luis Lanfredi Viola - Universidade Federal de São Carlos** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: **“Markov chain indexed by a conditional dependence structure between the marginal chains on the state space”**.



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31 de julho a 6 de agosto de 2011

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A handwritten signature in blue ink that reads 'Claudio Landim'.

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We hereby certify that, **Mariana Pereira de Melo - Instituto de Matemática e Estatística** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Asymthotic properties of the exit time probability**”.

Rio de Janeiro, August 06, 2011.

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Mambucaba, Rio de Janeiro
31 de julho a 6 de agosto de 2011



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We hereby certify that, **Marina Vachkovskaia - IMECC** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Random walks on Galton-Watson trees with random conductances**”.



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We hereby certify that, **Renata Stella Khouri - Instituto de Matemática e Estatística** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Variable length random fields: an example**”.



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We hereby certify that, **Rodrigo Bissacot Proença - Instituto de Matemática e Estatística** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: **“A proof for the existence of maximizing measures on irreducible countable Markov shifts”**.



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We hereby certify that, **Thiago do Rêgo Sousa - Universidade de Brasilia** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: **“Simple and fast consistent estimators for the symmetric stable Levy distributions parameters”**.



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We hereby certify that, **Valdivino Vargas Júnior - Universidade Federal de Goiás** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Rumour processes ON N**”.



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We hereby certify that, **Valentin Sisko - Universidade Federal Fluminense** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: **“Some weak convergence results for uniform infinite causal triangulations”**.



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We hereby certify that, **Walter Augusto Fonseca de Carvalho - Unicamp - Instituto de Computação** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Conditions for attaining d -bar between two renewal**”.



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We hereby certify that, **Yuri Suhov - University of Cambridge** participated in the XV Escola Brasileira de Probabilidade, held at Mambucaba – Rio de Janeiro, from 31 July to August 06, 2011 and presented the following work: “**Multi-particle Anderson localization: review and the latest results**”.



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