

# 26<sup>th</sup> Brazilian School of Probability-EBP

dedicated to **Antonio Galves**

## CERTIFICATE

I hereby certify that Alexsandro Gallo, from the Universidade Federal de Sao Carlos (UFSCAR), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Markov approximation for stochastic chains with unbounded memory*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



Claudio Landim  
Organizing Committee

São Paulo, July 30 – August 5, 2023

# 26<sup>th</sup> Brazilian School of Probability-EBP

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## CERTIFICATE

I hereby certify that Alvaro Enrique Machado Hernandez, from the Universidade Estadual de Campinas (UNICAMP), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *An Itô-Wentzell formula for rough paths*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



Claudio Landim  
Organizing Committee

São Paulo, July 30 – August 5, 2023

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## CERTIFICATE

I hereby certify that Anatoli Iambartsev, from the Universidade de São Paulo (USP), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Poisson processes with catastrophes*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



Claudio Landim  
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## CERTIFICATE

I hereby certify that Anny Rodrigues, from the Ime-Usp (INSTITUTO DE MATEMÁTICA E ESTATÍSTICA), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Consistent estimation of the number of clusters in a multivariate mixture Gaussian model*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



Claudio Landim  
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# 26<sup>th</sup> Brazilian School of Probability-EBP

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## CERTIFICATE

I hereby certify that Da Veiga, Paulo Afonso Faria, from the Universidade de São Paulo - São Carlos (USP - SÃO CARLOS), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Modelos de Yang-Mills na Rede: Estimativas de Estabilidade, Finitude da Energia Livre e Mais*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Eva Loecherbach, from the Universite Paris 1 Pantheon-Sorbonne, attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, presenting the minicourse *Probabilistic spiking neuronal nets*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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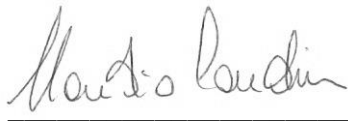
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# 26<sup>th</sup> Brazilian School of Probability-EBP

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## CERTIFICATE

I hereby certify that Felipe Penafiel, from the Ime-Usp (INSTITUTO DE MATEMÁTICA E ESTATÍSTICA), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Consensus and loss of trust in social networks: a phase transition*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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Organizing Committee

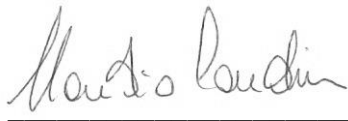
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## CERTIFICATE

I hereby certify that Florencia Graciela Leonardi, from the Ime-Usp (INSTITUTO DE MATEMÁTICA E ESTATÍSTICA), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Community detection with maximum likelihood for the Stochastic Block Model*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that François Baccelli, from the Inria - Sophia Antipolis, attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Recent results on unimodular networks*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Guilherme Ost de Aguiar, from the Universidade Federal do Rio de Janeiro (UFRJ), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Self-Switching Markov Chains*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



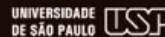
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São Paulo, July 30 – August 5, 2023

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## CERTIFICATE

I hereby certify that Jesus Manuel Correa Lora, from the Universidade Estadual de Campinas (UNICAMP), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *From stochastic hamiltonian systems to stochastic compressible Euler equation*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Josue Tchouanti, from the Université Côte D'azur, attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Detection of synchronization by permutation test and implication for neuroscience experimental design*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Juan David Londoño Acevedo, from the Universidade Estadual de Campinas (UNICAMP), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Euler-Lagrangian approach to stochastic Euler equations in Sobolev Spaces*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Julio Ernesto Nava Trejo, from the Universidad Nacional Autónoma de México (UNAM), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Look-down construction for a Moran Seed-Bank Model*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Kádmo de Souza Laxa, from the Fac. Fil. Ciên. e Letras de Rib.preto - Usp (FFCLRP), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Fast Consensus and Metastability in a Highly Polarized Social Network*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Lucas de Oliveira Prates, from the IME-USP, attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Population-based change-point detection for the identification of homozygosity islands*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Marzio Cassandro, from the Università di Roma – La Sapienza, attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Onedimensional Ising model with ferromagnetic long range interactions: typical configurations in the canonical ensemble*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Mauro Piccioni, from the Università Di Roma - La Sapienza, attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Learning the Synapses of a Network of Spiking Neurons*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Michael o, from the Universidade de São Paulo - São Carlos (USP - SÃO CARLOS), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Some Models for a Relativistic Quantum Field Theory in Spacetime Dimension  $D = 4$* . The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Morgan André, from the Universidade Estadual de Campinas (UNICAMP), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *A Metastable System of Spiking Neurons*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Nancy Lopes Garcia, from the Imecc Unicamp, attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Detecting Renewal States in Chains of Variable Length via Intrinsic Bayes Factors*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Pablo Augusto Ferrari, from the Universidad De Buenos Aires, attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Hidden temperature profile in the Kipnis Marchioro Presutti model*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Patricia Reynaud-Bouret, from the Université Côte D'azur, attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presenting the minicourse *Biological neural networks: simulation, connectivity and coding ability*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Pierre Collet, from the Centre National de La Recherche Scientifique (CNRS - PARIS), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Quasi stationary distributions in large population birth and death processes, resilience and spectral gap*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



Claudio Landim  
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## CERTIFICATE

I hereby certify that Ricardo Fraiman, from the Universidad De La República, attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *A quantitative Heppes Theorem and multivariate Bernoulli distributions*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Roberto Fernandez, from the New York University Shanghai, attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Cluster expansions and stochastic processes. An unexploited legacy of Dobrushin*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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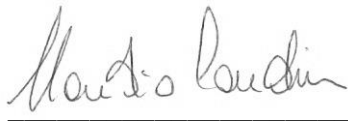
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# 26<sup>th</sup> Brazilian School of Probability-EBP

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## CERTIFICATE

I hereby certify that Sophie Jaffard, from the Université Côte D'azur, attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Provable local learning rule by expert aggregation for a Hawkes network*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



Claudio Landim  
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São Paulo, July 30 – August 5, 2023

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## CERTIFICATE

I hereby certify that Théo Borém Fabris, from the Universidade de São Paulo (USP), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Spectral density of random graphs and statistical methods in networks*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



Claudio Landim  
Organizing Committee

São Paulo, July 30 – August 5, 2023



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## CERTIFICATE

I hereby certify that Wojciech Szpankowski, from the Purdue University, attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Analytic Information and Learning Theory (Dedicated to my Friend Antonio Galves)*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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## CERTIFICATE

I hereby certify that Yangrui Xiang, from the Instituto de Matematica Pura e Aplicada (IMPA), attended the 26th Brazilian School of Probability - EBP, that was held in São Paulo, from 30/07/2023 to 05/08/2023, and presented the poster/conference *Sharp Convergence of the Mean-field Noisy Voter Model and Sharp Convergence for Noisy Stochastic SIS Model*. The attendance was recorded during the whole event, in a total of 41 hours of activity.



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