



XXI
Escola
Brasileira de
Probabilidade

IMPA, Rio de Janeiro
July 31 - August 5, 2017

We hereby certify that, **Hugo Duminil-Copin, University of Geneva**, participated in the XXI Brazilian School of Probability, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from July 31st to August 5th, 2017 and presented the mini course “**Sharpness results via randomized algorithms**”.

Rio de Janeiro, August 5th, 2017

Claudio Landim
Organizing Committee

CERTIFICATE





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We hereby certify that, **Veronique Gayraud, Cnrs - Aix-Marseille University**, participated in the XXI Brazilian School of Probability, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from July 31st to August 5th, 2017 and presented the mini course “**Aging in mean field spin glasses Universality of the arcsine law aging regime**”.

Rio de Janeiro, August 5th, 2017

Claudio Landim
Organizing Committee

CERTIFICATE





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We hereby certify that, **Vincent Tassion**, **Swiss Federal Institute of Technology**, participated in the XXI Brazilian School of Probability, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from July 31st to August 5th, 2017 and presented the mini course “**Sharpness results via randomized algorithms**”.

Rio de Janeiro, August 5th, 2017

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