

PIPGES · WEBINARS

SEP · 24
2021

THE CHINESE RESTAURANT PROCESS

The Chinese Restaurant Process describes a sequence of exchangeable random partitions of the numbers $\{1, \dots, n\}$. This process is related to the Ewens sampling model in Genetics and non-parametric Bayesian methods. In this talk, we will see the Process in a regime where the number of parts grows as a sublinear power of n . We will see a non-asymptotic concentration result for the number of parts. The talk is based on a joint work with Roberto Imbuzeiro Oliveira and Rodrigo Ribeiro.

02:00 PM

(GMT-03:00) Brasilia Standard Time - Sao Paulo

SPEAKER

Alan Pereira

Universidade Federal de Alagoas

The video call link will be available at:

<https://tiny.one/pereira-a>

Interinstitutional Graduate Program in Statistics (PIPGES) of Federal University of São Carlos with University of São Paulo promotes seminars groups (temporarily webinars, due to pandemic issues) of researches involving Probability, Statistics, Machine Learning etc. Our interest, among other things, is to stimulate the sharing of knowledge, as well as the connection between members of the program and researchers in other institutions.

Organizer

Michel H. Montoril, Department of Statistics,
Federal University of São Carlos.

BIO

Alan Pereira got his PhD at IMPA in 2018 under the supervision of Roberto Imbuzeiro and Rodrigo Botelho Ribeiro. During his PhD, he also had a sandwich period at Universitat Pompeu Fabra under the supervision of Gábor Lugosi. After a postdoctoral stay at UFMG in 2018-2019, he got a position at UFAL in Maceió where he has worked since 2019. His main interests are in probability theory and more generally discrete mathematics.

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