



# Journées Statistiques du Sud 2024

## mercredi 19 juin 2024

**Exposé long: Inference techniques for the analysis of Brownian image textures - Auditorium J. Herbrand (09:30 - 10:30)**

-Présidents de session: Frederic Richard

time	[id] title	presenter
09:30	[5] Inference techniques for the analysis of Brownian image textures	RICHARD, Frédéric

**Exposé long: Unbiased estimation of smooth functions. Applications in statistic and machine learning - Auditorium J. Herbrand (14:00 - 15:00)**

-Présidents de session: Nicolas Chopin

time	[id] title	presenter
14:00	[10] Unbiased estimation of smooth functions. Applications in statistic and machine learning	CHOPIN, Nicolas

**Exposé long: A new preconditioned stochastic gradient algorithm for estimation in latent variable models - Auditorium J. Herbrand (15:00 - 16:00)**

-Présidents de session: Maud Delattre

time	[id] title	presenter
15:00	[9] A new preconditioned stochastic gradient algorithm for estimation in latent variable models	DELATTRE, Maud

**Exposé long: Gaussian processes with inequality constraints: Theory and computation - Auditorium J. Herbrand (16:30 - 17:30)**

-Présidents de session: François Bachoc

time	[id] title	presenter
16:30	[32] Gaussian processes with inequality constraints: Theory and computation	BACHOC, François

# jeudi 20 juin 2024

## Exposé long: Building explainable and robust neural networks by using Lipschitz constraints and Optimal Transport -

**Auditorium J. Herbrand (09:30 - 10:30)**

-Présidents de session: Mathieu Serrurier

time	[id] title	presenter
09:30	[8] Building explainable and robust neural networks by using Lipschitz constraints and Optimal Transport	SERRURIER, Mathieu

## Exposé long: Nonparametric Bayesian mixture models for identifying clusters from longitudinal and cross-sectional data -

**Auditorium J. Herbrand (14:00 - 15:00)**

-Présidents de session: Anaïs Rouanet

time	[id] title	presenter
14:00	[15] Nonparametric Bayesian mixture models for identifying clusters from longitudinal and cross-sectional data	ROUANET, Anaïs

## Exposé long: Polya urn models for multivariate species abundance data and neutral theory of biodiversity - Auditorium J.

**Herbrand (15:00 - 16:00)**

-Présidents de session: Jean Peyhardi

time	[id] title	presenter
15:00	[22] Polya urn models for multivariate species abundance data: Properties and application	PEYHARDI, Jean

# vendredi 21 juin 2024

## Exposé long: Conformal prediction for object detection - Auditorium J. Herbrand (09:30 - 10:30)

-Présidents de session: Sébastien Gerchinovitz

time	[id]	title	presenter
09:30	[6]	Conformal prediction for object detection	GERCHINOVITZ, Sébastien