



# Journées Statistiques du Sud 2024

## Wednesday, June 19, 2024

**Exposé long: Inference techniques for the analysis of Brownian image textures - Auditorium J. Herbrand (9:30 AM - 10:30 AM)**

-Conveners: Frederic Richard

time	[id] title	presenter
9:30 AM	[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 (2:00 PM - 3:00 PM)**

-Conveners: Nicolas Chopin

time	[id] title	presenter
2:00 PM	[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 (3:00 PM - 4:00 PM)**

-Conveners: Maud Delattre

time	[id] title	presenter
3:00 PM	[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 (4:30 PM - 5:30 PM)**

-Conveners: François Bachoc

time	[id] title	presenter
4:30 PM	[32] Gaussian processes with inequality constraints: Theory and computation	BACHOC, François

# Thursday, June 20, 2024

**Exposé long: Building explainable and robust neural networks by using Lipschitz constraints and Optimal Transport - Auditorium J. Herbrand (9:30 AM - 10:30 AM)**

-Conveners: Mathieu Serrurier

time	[id] title	presenter
9:30 AM	[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 (2:00 PM - 3:00 PM)**

-Conveners: Anaïs Rouanet

time	[id] title	presenter
2:00 PM	[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 (3:00 PM - 4:00 PM)**

-Conveners: Jean Peyhardi

time	[id] title	presenter
3:00 PM	[22] Polya urn models for multivariate species abundance data: Properties and application	PEYHARDI, Jean

# Friday, June 21, 2024

## Exposé long: Conformal prediction for object detection - Auditorium J. Herbrand (9:30 AM - 10:30 AM)

-Conveners: Sébastien Gerchinovitz

time	[id] title	presenter
9:30 AM	[6] Conformal prediction for object detection	GERCHINOVITZ, Sébastien