

Session Program

Jun 19 - 21, 2024

Journées Statistiques du Sud 2024

Exposé court

IRIT, Université Paul Sabatier, Auditorium J. Herbrand

Tue, June 18

1:00 PM

Exposé court: Applications Bio & Santé

Session | **Location:** IMT, Université Paul Sabatier, Salle Johnson | **Convener:** Nicolas Enjalbert Courrech

1:00 - 1:25 PM

HSMM piloté par les observations pour l'estimation de la dynamique des adventices

Speaker

Hanna Bacave

Location

IMT, Université Paul Sabatier, Salle Johnson

1:25 - 1:50 PM

One-Step estimation procedure in univariate and multivariate GLMs with categorical explanatory variables

Speaker

Mrs Lilit Hovsepyan

Location

IMT, Université Paul Sabatier, Salle Johnson

1:50 - 2:15 PM

Bayesian Outcome Weighted Learning

Speaker

Sophia YAZZOURH

Location

IMT, Université Paul Sabatier, Salle Johnson

2:15 PM

2:45 PM

Exposé court: Machine Learning

Session | **Location:** IMT, Université Paul Sabatier, Salle Johnson | **Convener:** Sophia YAZZOURH

2:45 - 3:10 PM

A general approximation lower bound in L_p norm, with applications to feed-forward neural networks

Speaker

Armand Foucault

Location

IMT, Université Paul Sabatier, Salle Johnson

3:10 - 3:35 PM

Variational autoencoder with weighted samples for high-dimensional non-parametric adaptive importance sampling

Speaker

Julien Demange-Chryst

Location

IMT, Université Paul Sabatier, Salle Johnson

3:35 - 4:00 PM

Physics-Informed Machine Learning methods applied to inverse problems in river hydraulics

Speaker

Hugo Boulenc

Location

IMT, Université Paul Sabatier, Salle Johnson

4:00 PM

Thu, June 20

9:00 AM

Exposé court: Compressed and distributed least-squares regression: convergence rates with applications to Federated Learning

Session | **Location:** IMT, Université Paul Sabatier, Salle Johnson | **Convener:** Constantin Philippenko

9:00 – 9:30 AM

Compressed and distributed least-squares regression: convergence rates with applications to Federated Learning

Speaker

Constantin Philippenko

9:30 AM