



# Research Seminars 2024

## Research Institute for Statistics and Information Science

### 1<sup>st</sup> March 2024

Marco Avella Medina, Columbia University, USA  
*M-estimation Under User-Level Local Privacy Constraints*

### 8 March 2024

Rosa M. Crujeiras Casais, University of Santiago de Compostela, Spain  
*An Overview on Regression Methods for Circular Variables*  
(jointly with M. Alonso-Pena and I. Gijbels)

### 22 March 2024

Thomas Opitz, Biostatistics and Spatial Processes, INRAE Avignon, France  
*Stochastic Geometry and Extrapolation of Spatial Extremes*  
(jointly with Elena de Bernardino, Ryan Cotsakis, and Anne Estrade)

### 12 April 2024

Arthur Gretton, University College London, UK  
*Learning to Act in Noisy Contexts Using Deep Proxy Learning*

### 19 April 2024

Aristidis K. Nikoloulopoulos, University of East Anglia, UK  
*Bi-Factor and Second-Order Copula Models for Item Response Data*

### 17 May 2024

Jiwei Zhao, University of Wisconsin-Madison, USA  
*A Semiparametric Perspective on Unsupervised Domain Adaptation*

### 20 September 2024

Francesco Cappelli, University of Tuscia, Italy  
*Optimizing Sensor Location for the Parsimonious Design of Flood Early Warning Systems*

### 4 October 2024

Kirstin Storkorb, University of Cardiff, UK  
*Stochastic Orderings Among Multivariate Extremes*  
(jointly with Michela Corradini)

**18 October 2024**

Eustasio del Barrio, Universidad de Valladolid, Spain  
*Recent Advances in Optimal Transport Based Inference*

**1<sup>st</sup> November 2024**

Joanna Mills Flemming, Dalhousie University, Canada  
*Exploring Statistical Models for Encounter Processes*

**15 November 2024**

Matthieu Stigler, GSEM  
*With Big Data Come Big Problems: Asymptotic Bias of Eigenvalues in Fixed  $T$ , Infinite  $N$  Dimensions*

**29 November 2024**

Jan Beran, Universität Konstanz, Germany  
*On Function Valued Stochastic Processes, With Applications to Medical Engineering*  
(jointly with Jeremy Näscher, Stefan Walterspacher, and many other colleagues from applied sciences: pneumology, engineering, machine learning)

**13 December 2024**

Christophe Gaillac, GSEM  
*Linear Regressions With Combined Data*  
(jointly with Xavier D'Haultfoeuille, CREST, and Arnaud Maurel, Duke University)