



Research  
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Outreach

**CCA**



UNIVERSITÀ  
DEGLI STUDI  
DI BERGAMO

Dipartimento  
di Scienze Economiche



**DE CASTRO**  
STATISTICS



UNIVERSITÀ  
DEGLI STUDI  
FIRENZE

**DISIA**

DIPARTIMENTO DI STATISTICA  
INFORMATICA, APPLICAZIONI  
"GIUSEPPE PARENTI"

## Workshop “Statistical methods for precise medicine”

Final event of the project “CluB-PMx<sup>2</sup> – CLUstering: Bayesian Partition Models for Precise Medicine”

**24 February 2023, 09:20-18:00**

Auditorium, Fondazione Collegio Carlo Alberto

### Program

9:20-9:30 **Welcome and Introduction**

9:30-10:15 **Sylvia Richardson** (University of Cambridge) | “Scalable Bayesian inference for high dimensional genomics”

10:15-10:45 *Coffee break*

10:45-11:20 **Mauro Gasparini** (Politecnico di Torino) | “Estimating Vaccine Efficacy”

11:20-11:55 **Matteo Pedone** (Università di Firenze) | “A Bayesian nonparametric approach to personalized treatment selection”

11:55-12:30 **Alessandra Guglielmi** (Politecnico di Milano) | “Clustering blood donors via mixtures of product partition models with covariates”

12:30-14:00 *Lunch*

14:00-14:45 **Fabio Rigat** (Astrazeneca R & D) | “Introduction to patient centric oncology clinical development”

14:45-15:15 *Coffee break*

15:15-16:15 **Contributed session**

**Valentina Ghidini** (Università Bocconi) | “Extended Stochastic Block Model with Spatial Covariates for Weighted Brain Networks”

**Alessandro Colombi** (Università di Milano Bicocca) | “Block structured Gaussian graphical models for spectrometric functional data”

**Claudio Busatto** (Università di Firenze) | “Informative co-data learning for high-dimensional horseshoe regression”

16:15-16:30 **Conclusion**

16:30-18:00 **Round table about precision medicine and statistics**

Please, to reduce the impact of this event, at the end of the workshop return the badge holder in the opposite basket