

Biogeographical Ancestry: What It Is, How We Infer It, and Why It Matters

01 Dicembre 2025 - Sala Rossa, Villa Ruspoli - Firenze

09:00 – 09:10 Introduzione al workshop

09:10 – 09:45 **Stefania Morelli, Cosimo Grazzini, Giorgia Spera**, - *Predicting BGA ancestry using a novel SNP panel and supervised learning approaches*

09:45 – 10:20 **Prof. Lara Lusa, University of Primorska** - *Towards a Statistical Analysis Plan for High-Dimensional Data: Considerations for the Extension of the SAPI Framework*

10:20 – 10:55 **Dr. Marco Podda, Università di Pisa** - *An Overview of Machine Learning for Biological Sequences*

10:55 – 11:30 **Prof. Diane Hall, Centre Hospitalier Universitaire Vaudois** - *Inferring Biogeographic Ancestry with Haplotype Markers: the case of DIP-STRs*

11:30 – 12:00 Pausa caffè

12:00 – 12:35 **Andrea Morelli, Università di Pisa** - *Causal Machine Learning applied to AI in healthcare, with case studies on genomic data*

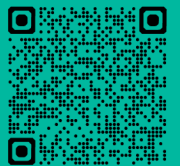
12:35 – 13:10 **Prof. Eugenio Alladio - Università di Torino** - *Chemometrics: how chemometrics strategies can be (have been) employed in forensic sciences, from ancestry to THC content prediction*

13:10 – 13:45 **Prof. Silvia Ghirotto, Università degli Studi di Ferrara** - *Genotype Likelihoods and Imputation Methods to Analyze Low Coverage Data*

13:45 – 14:00 Conclusioni

14:00 – 15:00 Pranzo

Per iscriversi, registrarsi al link: <https://forms.gle/jSJRUvyifWpKYemW7>



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