Workshop for Ph.D. students

From Pore to Profile: A Workshop on Nanopore Microbiome Sequencing (3 ECTS)

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Course language: **English**

The lessons will be given at **Campus – Laboratori didattici – Plesso di Bioscienze** in the following dates:

15th to 17th of October 2025

To attend the course please register using the following form by 30th September 2026
https://forms.office.com/e/2uKSmf9ppR

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Workshop description

The workshop offers Ph.D. students a hands-on introduction to Nanopore sequencing, an innovative technology enabling real-time, long-read sequencing analysis. This technique has wide applications, such as microbiome studies, genome sequencing and transcriptomics. Using a model microbial community, participants will gain practical experience in DNA quantification, library preparation, device loading, and subsequent data analysis. The course, **limited to 20 attendees**, fosters collaborative learning in small groups, combining technical training with an overview of microbiome data analysis.