An intensive course on how to assemble, annotate, and analyze whole metagenomics data in the broadest ecological context by targeting different operational units and specific genes and gene families. ICME8 is organized in the frame of 4.5 days of direct lectures and computer-based practical trainings, starting from the raw sequences obtained by shotgun sequencing to final data analyses in an ecological framework, to go beyond purely descriptive studies. Participation is limited to 20 PhD students or early career researchers selected on the basis of their CV and motivation letter.

The registration fee is 480 € pp and covers the full participation to all the course activities and social events: lunches, tutorial material, lectures and protocols of the applied methodologies.

A grant participation will be awarded to the memory of Luigi Michaud. The award will go to a participant PhD student, carrying out research activities in the field of aquatic microbial ecology with dedication and passion.