

EBAME Workshop
"Emerging Bioinformatics Approaches in Microbial Ecogenomics"

September 24, 2015
IUEM Amphi A Plouzané

Morning session:

Emerging approaches in amplicon sequencing for microbial community analysis.

- 10:00 - 10:30 Welcome and introduction to amplicons analysis
- 10:30 - 11:30 High-resolution characterization of microbial marker gene data
Meren (Marine Biological Laboratory, Woods Hole).
- 11:30 - 12:30 TBA
Chris Quince (U. Warwick)
- 12:30 - 13:45 Lunch

Note: Lunch will not be provided by the workshop organization. Several options are available within walking distance (Telecom Bretagne, university cafeteria)

Afternoon session:

Emerging approaches in metagenomics analysis

- 13:45 - 14:00 Introduction to metagenomics analysis
- 14:00 - 14:30 Simka: Fast kmer-based method for estimating the similarity between numerous metagenomic datasets – Gaetan Benoit (IRISA Rennes)
- 14:30 - 15:30 CONCOCT: Clustering cONTigs with COverage and ComposiTion
Chris Quince (U. Warwick)
- 15:30 - 16:00 Coffee break
- 16:00 - 17:00 Anvi'o: An advanced analysis and visualization platform for 'omics data
Meren (Marine Biological Laboratory, Woods Hole)
- 17:00 - 18:00 Revealing and analyzing microbial networks.
Damien Eveillard (U. Nantes)

Participation to the EBAME workshop is free thanks to the support of the **IUEM** and the **EUROPOLE MER** consortium.

Address:
Amphi A. IUEM, Rue Dumont d'Urville, 29280 Plouzané
Contact: lois.maignien@univ-brest.fr, Tel +33290915380