

**2<sup>nd</sup> EBAME Workshop**  
**"Emerging Bioinformatics Approaches in Microbial Ecogenomics"**

October 7, 2016  
IUEM Amphi D Plouzané  
13:00 – 18:00

**Emerging approaches in amplicons and metagenomics analysis**

- 13h00 - 14:00 A. Murat Eren - University of Chicago  
*Genome-resolved metagenomics: A perfect mixture of opportunities and challenges*
- 14:00 - 15:00 Christopher Quince - University of Warwick  
*Species and strain resolution from microbial metagenomes*
- 15:00 - 16:00 Dominique Lavenier - IRISA Rennes  
*GATB: A Genomic Analysis Tool Box for designing parallel and low memory fingerprint bioinformatics software*
- 15:00 - 16:15 Coffee Break
- 16:15 - 17:00 Sheri S. Simmons – Seres Therapeutics, Cambridge & Marine Biological Laboratory, Woods Hole.  
*How can metagenomics help us understand human manipulation of microbial ecosystems*
- 17:00 - 17:30 Yajuan Lin – IUEM  
*Linking community structure to ecosystem functioning - specific microbes are good predictors of carbon export in the Southern Ocean*
- 17:30 - 18:00 Angelique Gobet – Station Biologique de Roscoff  
*Investigating the potential role of algal epiphytic bacteria in the digestion of a marine herbivore*

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