



PROGRAM

Monday 17

Welcome coffee

Scientific plenary lectures:

- DET 2D gels: methodological context, developments
- Micro-scale biogeochemical processes highlighted by 2D gels
- Hyperspectral imagery: a powerful tool

Workshops :

- preparation, mounting & calibration of 2D gels
- Fun workshop : make your own personalised tools

Tuesday 18

Scientific plenary lectures:

- Biogeochemical heterogeneity in seagrass meadows
- Upscaling biogeochemical fluxes from microphytobenthos to the mudflat scale
- Macrofaunal/meiofaunal bioturbation

Workshops :

- preparation, mounting & calibration of 2D gels
- Fun workshop : make your own personalised tools

Wednesday 19

Fieldtrip to the Loire estuary at Brillantes mudflat:

- Gel deployments and analyses

Thursday 20

Workshops :

- Treatment of hyperspectral images
- 2D image modelling for flux calculations

Friday 21

Scientific plenary lectures:

- Biogeochemical context of the Brillantes mudflat

Data analysis and synthesis

Final drink

Information & inscription



ANGERS AUTOMNM SCHOOL BIOGEO 2D



LECTURERS & INSTRUCTORS

**Laboratory of Planetology
and Geosciences (LPG)**

- João Barreira
- Corentin Guilhermic
- Patrick Launeau
- Edouard Metzger
- Aurélia Mouret

Invited speakers :

- Vincent Bouchet, LOG, Lille, Wimereux Marine Station
- Florian Cesbron, LUSAC-CNAM INTECHMER, Cherbourg
- Vona Méléder, ISOMER, Nantes
- Aubin Thibault de Chanvalon, IPREM, Pau