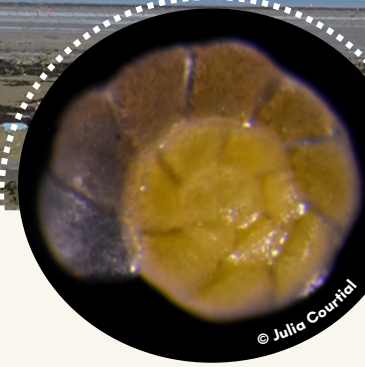




# Angers Autumn school

**30 sept - 4 oct 2024**



## FORAMINIFERA AND GEOCHEMISTRY: understanding coastal ecosystems

### PLENARY LECTURES

- Mudflat functioning
- Foraminiferal biology & ecology
- Paleoecology and paleoenvironments
- Molecular biology and DNA barcoding
- Foraminiferal biomonitoring
- Benthic biogeochemistry
- Nitrate and phosphorus uptake done by benthic foraminifera

### WORKSHOP

- High resolution core sampling
- Submillimeter chemical profiling
- Metabolism: respiration rate
- Morphology and taxonomy

### Participant Profile:

Master and PhD students, Post-Docs, Researchers,  
Environmental consultancies and agencies



### CONTACT & INFORMATION



autumn-school-sciences@listes.univ-angers.fr



@AngersAutumnSchool



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University of Angers, Laboratory of  
Planetology and Geosciences (LPG)  
ANGERS, FRANCE



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# PROGRAM

## MONDAY 30

### WELCOME COFFEE

- Lectures
  - Foraminiferal biology & ecology
  - Paleoecology and paleoenvironments
  - Foraminiferal biomonitoring
  - Benthic biogeochemistry

## TUESDAY 01

- Field trip on the mudflat at the bay of Bourgneuf
- Visit of the LPG

## WEDNESDAY 02

### SOCIAL EVENT

- Workshops:
  - Taxonomy/Morphology and sample preparation, fluorescent probing
  - Oxygen Profiling
  - Living Foraminifera - Respiration rates

## THURSDAY 03

- Lectures
  - Molecular biology and eDNA
  - Nitrate and phosphorus uptake
- Workshops
  - Taxonomy/Morphology and sample preparation, fluorescent probing
  - Oxygen Profiling
  - Living Foraminifera - Respiration rates

## FRIDAY 04

### FINAL DRINK

- Synthesis of practical courses
- Data analysis and interpretation
- Presentation by each group and open discussion

## INFORMATION & INSCRIPTION



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## LECTURERS AND INSTRUCTORS

### Laboratory of Planetology and Geosciences (LPG)

- Pr Emmanuelle Geslin
- Pr Edouard Metzger
- Dr Aurélia Mouret
- Dr Meryem Mojtahid
- Dr Magali Schweizer
- Dr Christine Barras
- Dr Inge van Dijk
- Dr Maria Pia Nardelli

### Invited speakers

- Dr Nicolaas Glock (Hamburg University)
- Dr Florian Cesbron (Cherbourg)
- Pr Vona Méléder (Nantes University)