

# INA SUMMER SCHOOL on EVOLUTION and TAXONOMY (INASSET)



**Lyon, June 29<sup>th</sup> – July 5<sup>th</sup>**

Université Claude Bernard Lyon 1

Laboratoire de Géologie de Lyon:

Terre, Planètes, Environnement

**SUNDAY 29<sup>th</sup> June**

18.30-20.00

Icebreaker reception

**MONDAY 30**

9.00

Welcome Address and Course presentation

Emanuela Mattioli, INA President

Giuliana Villa, Summer School organizer

9.30-16.30

**Jean Self Trail**

Introduction to Paleocene paleoceanography and nannofossil biostratigraphy Paleocene Nannofossil biomarkers and taxonomy

17.00-18.30

**Jorge Ferreira**

Statistical tools for data treatment (1)

10.30 coffee break

13.00 lunch

16.30 coffee break

**TUESDAY 1<sup>st</sup> July**

9.00- 16.30

**Jean Self Trail**

Introduction to Eocene paleoceanography and nannofossil biostratigraphy Eocene Nannofossil biomarkers and taxonomy

10.30 coffee break

13.00 lunch

16.30 coffee break

17.00-18.30

**Jorge Ferreira**

Statistical tools for data treatment (2)

## WEDNESDAY 2

9.00

**Giuliana Villa**

Introduction to Oligocene paleoceanography and biostratigraphy

10.00-15:00

**Chiara Fioroni**

Oligocene Nannofossil biomarkers and taxonomy

10.30 coffee break

13.00 lunch

15.00

**Emanuela Mattioli and Ghislaine Broillet**

Analytical methods

Samples preparation methods and microscopy settings

16.30 coffee break

17.00-18.30

**José Abel Flores**

Introduction to paleoceanography and biostratigraphy of the Miocene  
Nannofossil biomarkers and taxonomy

20.00

**Social dinner**

## THURSDAY 3

9.00- 16.30

**José Abel Flores**

Miocene Nannofossil biomarkers and taxonomy

10.30 coffee break

13.00 lunch

16.30 coffee break

17.00-18.30

**Luc Beaufort**

Advances in technological Automation, Artificial Intelligence applied to  
nannofossil research

## FRIDAY 4

9.00-10.15

**Luc Beaufort**

10.30-12.45

Plio-Pleistocene nannofossil biomarkers and taxonomy

10.15 coffee break

12.45 lunch

13.45

**Jeremy Young**

Extant Coccolithophores

15.45

Nannotax: How it works - database structure and backend tools

16.30 coffee break

16.45-18.15

**Hanno Kinkel**

What's new in IODP<sup>3</sup> (International Ocean Drilling Programme)

## SATURDAY 5

8.00 –18.30 **Field trip**

