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**INA SUMMER SCHOOL on EVOLUTION and TAXONOMY (INASSET)**

**Lyon July 1th – July 7 th**

PRELIMINARY PROGRAM

**SUNDAY 1 th:**

7.00 8.30 pm - Ice breaker reception

**MONDAY 2 th:**

9.00 : Welcome Address and Course presentation

Emanuela Mattioli, Head of the Laboratoire de Géologie de Lyon

Dean of the Department: Isabelle Daniel

Giuliana Villa, INA President

9.30

**Isabella Raffi**

Introduction to Cenozoic Nannofossil Biostratigraphy:

10.00 coffee break

10.30 **Claudia Agnini**

Introduction to paleoceanography and biostratigraphy of the Paleocene

11.00 LAB

Taxonomy and biomarkers of the Paleocene Nannofossils

13.00 lunch

14.30 LAB

Taxonomy and biomarkers of the Paleocene Nannofossils

16 coffee break

16.30-18.30 LAB

Taxonomy and biomarkers of the Paleocene Nannofossils

**TUESDAY 3 th:**

9.00 : **Jean Self Trail**

Introduction to paleoceanography and biostratigraphy of the Eocene

10,30 coffee break

11.00 LAB Taxonomy and nannofossil biomarkers of the Eocene

13.00 lunch

14.30 LAB

Taxonomy and nannofossil biomarkers of the Eocene

16.30 coffee break

17.00-18.30 **Jeremy Young**

Coccolith structure and biomineralisation

**WEDNESDAY 4 th:**

9.00 **Jeremy Young**

Size variation patterns in the Noelaerhabdaceae. Nannotax

10.30 coffee break

11.00 LAB **Giuliana Villa**

Introduction to paleoceanography and biostratigraphy of the Oligocene

Taxonomy and nannofossil biomarkers of the Oligocene

13.00 – lunch

14.30: LAB **Baptiste Suchéras-Marx**

Analytical methods for sample preparation

16.30 coffee break

17.00-18.30 LAB **Jorge Ferreira**

Analytical methods for statistical treating of data

20.30 **Social dinner**

**THURSDAY 5 th:**

9.00 : **Eric de Kaenel**

Introduction to paleoceanography and biostratigraphy of the Miocene

10,30 coffee break

11.00 Taxonomy and nannofossil biomarkers of the Miocene

13.00 lunch

14.30 LAB Taxonomy and nannofossil biomarkers of the Miocene

16.30 coffee break

17.00-18.30 LAB Taxonomy and nannofossil biomarkers of the Miocene

**FRIDAY 6 th:**

9.00 : **Luc Beaufort**

Introduction to paleoceanography and biostratigraphy of the Plio-Pleistocene, the example of SYRACO

10,00 LAB Taxonomy and nannofossil biomarkers of the Pliocene

11.00 coffee break

11.30 LAB Taxonomy and nannofossil biomarkers of the Pliocene

13.00 lunch

14.30 **Baptiste Suchéras**

Lab: sampling methods and samples preparation

16.30 coffee break

17.00-18.30 LAB **Emanuela Mattioli**

quantitative biochronology

**SATURDAY 7 th:**

9.00 : **Field trip**