

Dipartimento di Scienze della Terra Via S. Maria 53, 56126 Pisa, 14-15 July

School of

**CONTINENTAL CARBONATE FABRICS
(SPELEOTHEM, PEDOGENIC
CARBONATE, SUBGLACIAL CALCITE,
TUFA AND TRAVERTINE)**

For inscription contact: zanchetta@dst.unipi.it

20 places available
No cost for inscription
Deadline: 20 June



Preliminary program

Monday 14 July

10.00-10.30 Welcome and Introduction

10.30-12.30 Continental carbonates petrography: Theoretical background

12.30-14.00 Lunch break

14.00-18.00 Petrography of continental carbonates. Practical session

Tuesday 15 July

9.00-12.30 Petrography of continental carbonates. Constructing petrographic logs and microstratigraphy
(coffee break in the middle)

12.30-14.00 Lunch break

14.00-17.00 Practical session

17.00-18.00 Final discussion and conclusion

Note: practical sessions include:

Observation of thin sections, with discussion of fabrics and their significance;

Criteria for constructing a petrographic log: how do we assign “texture codes”

Plotting petrographic logs in an excel workbook to compare petrographic observations and chemical data

It is advisable to bring actual research questions, with thin sections from samples that are being studied.

For stalagmites and flowstones, we advise to have sequential thin sections from bottom to top, of specimens used to obtain isotope/trace element time series. These can then be observed and logged during the Practical, and plotted in the Log and used in the research.