

8th INTENSIVE TRAINING COURSE ON SOIL MICROMORPHOLOGY

Tremp, 17th – 28th January 2022

Organizers: Departament de Medi Ambient i Ciències del Sòl – Universitat de Lleida and Institut Cartogràfic i Geològic de Catalunya – Centre Territorial de Tremp

<https://www.ajuntamentdetremp.cat/el-municipi/geologia/centre-de-suport-icgc>

Contents: 4,1 ECTS. Principles of mineralogy and petrography, optical mineralogy – Sampling for micromorphology - Guidelines for the description of thin sections of soils and regoliths – Plant components - Micromorphology of soil materials and identification of soil formation processes: carbonate-, gypsum-, and salt affected soils, volcanic soils, clay accumulation, hydromorphic soils, tropical soils, glacial and periglacial processes, organic layers and faunal activity – Introduction to micromorphometry and image processing - Applications of micromorphology: Soil genesis and classification; Archaeology; Geomorphology and sedimentology; Optional weekend excursion around the Tremp basin: Geology, Mediterranean soilscapes, soil genesis.

Practical work: There will be a maximum of 2 students per microscope. The schedule foresees plenty of time for observation of the thin sections provided by the lecturers, as well for study of the own thin sections brought by the students.



Prof. Georges Stoops lecturing during the last Edition of this course in Tremp in 2014

Lecturers: Prof. Àngels Canals (UB)

Dr Michele Francis (U Stellenbosch)

Dr. Carolina MalloI (ULL)

Prof. Rosa M. Poch (UdL)

Em. Prof. Georges Stoops (UGent)

Dr Carlos Alberto Torres (Colegio Postgraduados, Mexico)

Prof. Cristina Villanova (UB)

Language: English

Fees: 400 € , it includes access to documents, coffee breaks, bus Lleida-Tremp.

Accommodation: Youth Hostels in and near Tremp, besides several budget hotels are available.

Diploma: Official diploma of the University of Lleida will be handled after completion of the course.

Website and registration: will be announced end October.

Contact: potential attendees should send a message to: rosa.poch@udl.cat

