



CNRS Summer School _ POLQUANT

29 August - 2 September 2016, Moulis, France

POLlen data and QUANTification of past vegetation cover Theory of Pollen Analysis and Its Applications for Vegetation Reconstruction

Quaternary palaeoecology provides baseline information on the past vegetation critical for nature preservation, resource management and policies in view of human-induced global warming and other environmental changes. Various numerical methods have been proposed and applied for objective pollen-based reconstruction of past vegetation. However, those methods have not fully considered biases in vegetation reconstruction caused by important factors. Recent advances in the theory of pollen analysis have overcome some of those issues, making quantitative reconstruction of vegetation feasible and reliable across spatial scales from local to landscape to regional. The main objective of POLQUANT is to offer opportunities for palaeoecologists to learn the logic and assumptions behind the theory and to provide practical road maps and caveats for application of the approach for empirical studies in many parts of the world.

This will be an intensive course given during one full week combining fieldwork, workshops, lectures and practical session together. This course will be structured to encourage interaction among participants for active learning. Participants will have to read and familiarize themselves with the topics beforehand. POLQUANT will be lead by experienced senior scientists in pollen-based modelling and will be able to accommodate 23 participants based on their submitted CVs

Deadline for early-registration

May 15th, 2016

Registration Fee

CNRS members: free of charge
Postdoc/PhD/MsCStudents: 250 euros
Academic: 400 euros

For more information please visit: <http://blogs.univ-tlse2.fr/etcnrs-polquant/>

Organized & led by :

Florence Mazier (Toulouse University, France) and Laurent Marquer (Lund University, Sweden)
florence.mazier@univ-tlse2.fr, laurent.marquer.es@gmail.com

Guest lecturers:

Shinya Sugita (Tallinn University, Estonia), Marie José Gaillard (Linnaeus University, Sweden), and Petr Kuneš (Charles University in Prague, Czech Republic)

