



THE LABORATORY OF TREE-RING RESEARCH

presents a talk by

Valérie Daux

(Prof. at University of Versailles Saint-Quentin, France)

Multi-archives reconstruction of past climate in Europe

Wednesday, November 23, 2016 - 12:00pm to 1:00pm

Room: Bannister 110

We present reconstructions of the climate of the last millennium using grape harvest dates, stable isotope composition in human teeth enamel and in tree-rings. We specifically discuss the various proxies (model, database, and transfer function) and their application for reconstructing climate and environmental variables including temperature, drought and isotopic composition of precipitation. We focus on the climate variability of Europe during the Little Ice Age. We also show an application to the reconstruction of human mobility in Northern Europe.