



Tuesday, 08th of January 2019,
17:00, H 53



Dr. Oliver Nelle

Regierungspräsidium Stuttgart, Landesamt für
Denkmalpflege, Dendrochronological Laboratory

"Tree archaeology and palaeo- landscape dynamics: methods and applications"

Research into past ecosystem dynamics and the human development in landscapes has become more and more interdisciplinary, and biological sciences in archaeology gains importance. The aim is to get an increasingly detailed picture of the complex past to better understand present and future interactions between humans and the environment, in times of global and climate change. The talk addresses the information we can get out of wooden remains, both in an archaeological and natural context, for the reconstruction of palaeo-landscapes and especially the woodlands used by people for their needs. Trees provide wood for houses, tools, vehicles, energy, reagent for metallurgy, textiles . Their wood can be dated precisely by dendrochronology. The life history of trees is stored within their wood in form of tree rings and these life histories, the dendrocurves, tell us about past climate and stand histories. Charcoals in soils and sediments record past fire events. After presentation of the methods, some case studies will be presented. The wood legacy put in a frame with other proxies from palaeoecology and related disciplines, our understanding of historical processes which led to the modern landscape deepens increasingly.

We would like to give you the opportunity to meet Dr. Nelle in a joint meeting together with other PhD students. If you are interested and would like to join, please write a mail to sara.saeedi@ur.de by 20th of December at the latest. Credit points (0.1) are available for participation.

Host: RIGeL Graduate Colloquium
grad.colloquium@ur.de