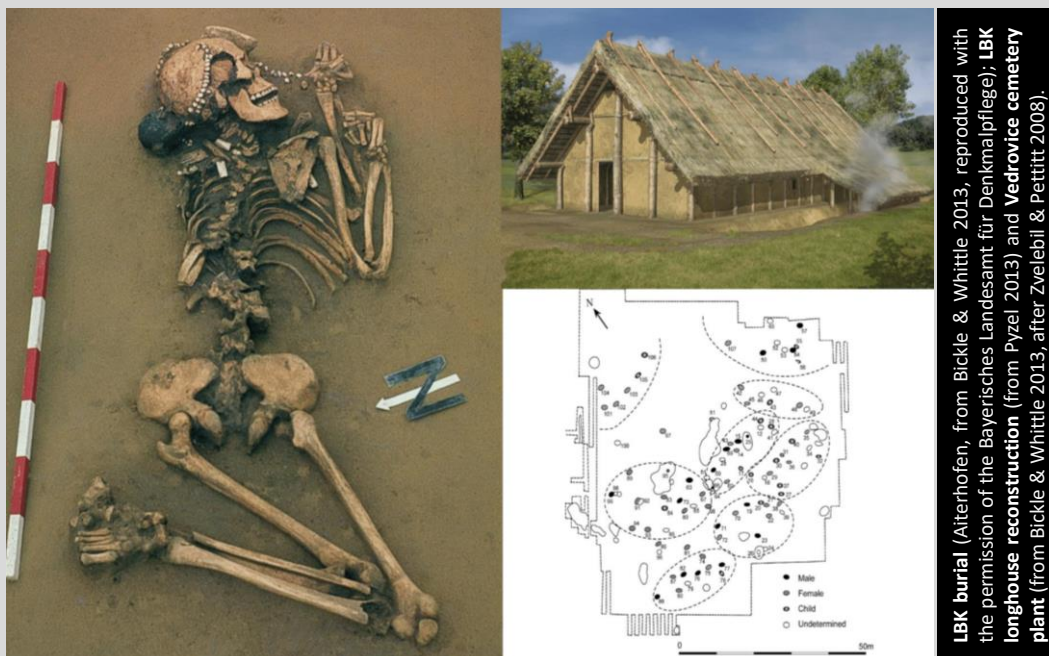


# Mobility and dietary patterns of the first Central European farming communities: the case of SE Moravia

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LBK burial (Alterhofen, from Bickel & Whittle 2013, reproduced with the permission of the Bayerisches Landesamt für Denkmalpflege); LBK longhouse reconstruction (from Pyzel 2013) and Vedrovice cemetery plant (from Bickel & Whittle 2013, after Zvelebil & Pettitt 2008).

This presentation will address the complex patchwork of mobility practices during the Early Neolithic in Southeastern Moravia (*Linearbandkeramik* culture, LBK: 5500-4900 cal BC), exploring their implications on the living conditions of these communities. Traditionally, patrilocality has been considered a pivotal factor in shaping the mobility patterns of the first Central European farmers. Through the application of advanced analytical techniques such as Strontium ( $^{87}\text{Sr}/^{86}\text{Sr}$ ), Oxygen ( $\delta^{18}\text{O}$ ), carbon ( $\delta^{13}\text{C}$ ), and nitrogen ( $\delta^{15}\text{N}$ ) isotope analysis, the talk will critically examine nuanced correlations between mobility, biological sex, dietary habits, and funerary practices. Employing a multi-proxy approach, the presentation aims to contribute to our understanding of early farmers' mobility practices in Central Europe. By challenging existing theories and introducing new perspectives, the talk endeavours to shed light on the social dynamics of the LBK horizon.

**WEDNESDAY, 21th FEBRUARY 2024 – 12h (CET)**

**<https://conectaha.csic.es/b/xav-yoe-4g8-420>**

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