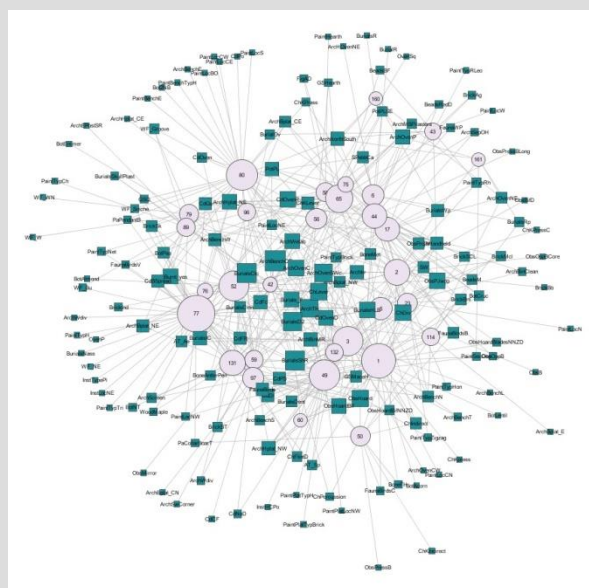
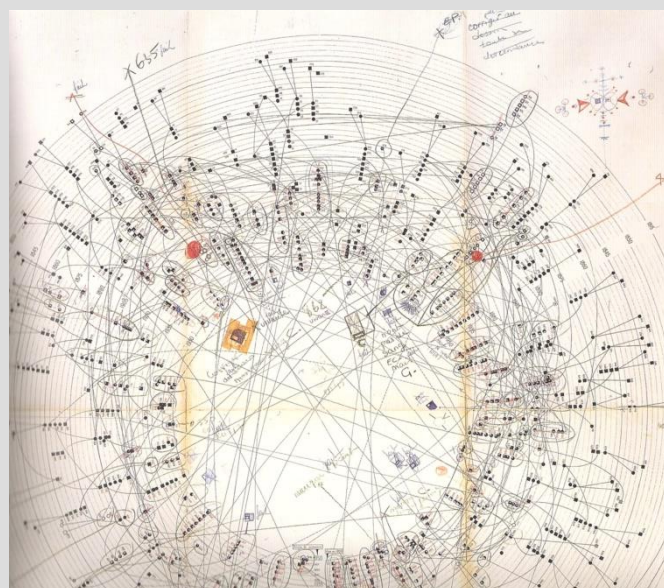


# 'A network of mutualities of being': socio-material archaeological networks and biological ties at the beginning of settled life

**Dr. Camilla Mazzucato**

Postdoctoral researcher  
Department of Cross-Cultural and Regional Studies, University of Copenhagen



Çatalhöyük is a dense, long-lived (7100- 5950 BC) Neolithic tell site located in Central Anatolia. The site is composed of layers of overlapping mudbrick houses with no evidence for communal structures; the social arrangement of the site remains poorly understood. In this paper I discuss my doctoral research that made use of network methods to investigate patterns of house affiliations and processes of community and identity formation at an intra-site scale. This study highlighted a flexible and resilient social arrangement that mixes very localized ties between neighbouring buildings with cross cutting relations across far away houses. Furthermore, I present my most recent research, in collaboration with the Neogene Project and Prof. Michele Coscia (ITU Copenhagen), which integrates material culture and archaeogenomic data within a network approach and explores their complex relationship. By combining socio-material networks created using similarities of material culture across buildings and networks of biological relationships between individuals buried underneath the floor of houses, I aim to further explore the nature of social groups and kinship structures at the site. Preliminary findings suggest that people who share genetic ties concentrate in the material culture network and, thus, that sharing material culture between houses is a significant indicator of the existence of biological connections between individuals buried in houses.

**WEDNESDAY, 20th DECEMBER 2023 – 12h (CET)**

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

**Organized by:** V. Andreaki, F. Borrell, I. Clemente, A. García-Suárez, J.J. Ibáñez, S. Jiménez-Manchón, B. Morell-Rovira, D. Ortega, F. Pichon, M. Portillo, X. Terradas, I. Vaccaro, S. Valenzuela-Lamas & A. Zupancich