

The WSU Department of Anthropology and College of Arts and Sciences present:  
**TransMonDyn: The Evolution of Settlement Systems**

When: M-Th, 3pm-4pm; Friday 8am-9am

Where: College Hall room 125

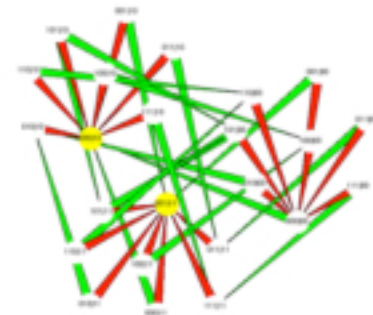
Reception following Monday lecture



**Monday Nov 10**  
3pm-4pm

**The Dynamics of Settlement Systems: from Archaeomedes to TransMonDyn**      **Laure Nuninger and Lena Sanders**

*Nuninger and Sanders discuss the 25-year trajectory of spatial and computational archaeology in France, focusing on how modeling can help us understand changes in settlement processes through time*



**Game Theory and Romanisation: the reorganization of city-systems after the Roman conquest southern Gaul.**

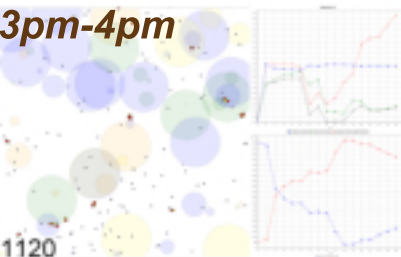
**Alain Franc, Marie-Jeanne Ouriachi, Frédérique Bertoncello**

*A consequence of the Roman conquest was the reorganization of Gallic cities, providing the newly conquered province a network of administrative chief towns. Using game theory as the conceptual basis, we examine relationships of cooperation and conflict between the Roman Imperatores and Gallic elites.*

**Wednesday Nov 12**  
3pm-4pm

**Modeling household spatial reorganization in North-Western Europe, A.D. 800 and 1100**      **Robin Cura**

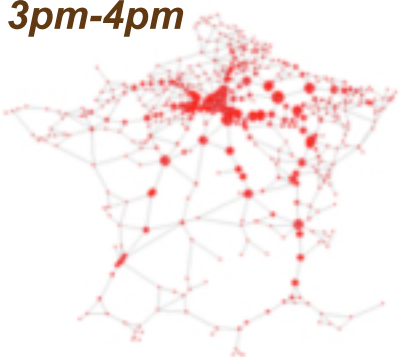
*This model aims to explain the changes that occurred to the settlement structure of North-Western Europe between A.D. 800 and 1100. We focus on how various pressures from landlords force peasants to relocate their homes. These pressures increase through time due to the reinforcement of the lords' local power over their subjects.*



**Thursday Nov 13**  
3pm-4pm

**Analyzing the co-evolution of postal roads and cities in France, 16th-19th centuries**      **Anne Bretagnolle, Alain Franc**

*This model examines three patterns that emerge in the second half of the 18th century: (1) A dramatic change in functional relation space, with the “shrinking” of the north of France and the circumvention of mountains, (2) an integration of city networks at a national scale, through both top-down (the emergence of cities that become necessary transport stages for luxury trade) and bottom-up processes (the emergence of the new administrative “chefs-lieux” after the Revolution), (3) the emergence of large city systems in the north of France, with the continuation of primatial organisations in the south.*



**Friday Nov 14**  
8am-9am

**Spatial analysis of the diversity of languages: a multi-disciplinary perspective**      **Christophe Coupe**

*Why are languages distributed on the planet the way they are, and how may some of their features be related to environmental factors? We introduce how the recent availability of global scale environmental datasets and spatial statistics models can shed light on interactions between culture and ecology.*

