

**NIMBioS Workshop – Social Complexity:  
February 6-8, 2012  
Meeting Agenda**

**Monday Feb.6**

- 8:45-8:55 Intro to NIMBioS (Sergey Gavrillets)  
8:55-9:00 Intro to Workshop (Laura Fortunato)  
9:00-9:25 Discussion of conceptual issues (Peter Turchin)  
9:25-10:00 Sander van der Leeuw "Patterns to be explained"  
10:00-10:30 Elsa Redmond "The driving forces and constraints in the evolution of archaic states: the developmental trajectories of Cahokia and Monte Albán"  
10:30-11:00 Coffee  
11:00-11:25 Tim Kohler "Four Big Facts to be Explained in any Model for Increasing Social Complexity in Neolithic Societies: A View from the US Southwest"  
11:25-12:30 Discussion  
  
12:30-2:00 Lunch  
  
2:00-2:35 Jerry Sabloff "A Survey of General Theories"  
2:35-3:05 Charles Spencer "Political-economic reach and administrative complexity: Modeling the evolution of bureaucracy"  
3:05-3:30: Bruce Winterhalder "Three Research Traditions in Evolutionary Anthropology and Population Ecology with the Potential to Aid us in Understanding the Evolution of Social Complexity"  
3:30-4:00 Coffee  
4:00-4:25 Doug Jones (see the abstract)  
4:25-5:30 Discussion  
5:45 Reception

**Tuesday Feb.7**

- 9:00-9:35 Sergey Gavrillets "Approaches to modeling the transition from small- to large-scale societies"  
9:35-10:00 Eric Smith "The emergence of institutionalized inequality in small-scale societies"

- 10:00-10:25 Armando Geller "From individuals via rules to groups and from there on to societies via social mechanisms – and back"
- 10:30-11:00 Coffee
- 11:00-11:25 Anne Kandler "Social learning strategies in changing environments"
- 11:25-11:50 Natalia Komarova "Mathematical methods in social dynamics: the role of eavesdropping in language evolution"
- 11:50-12:15 Mattew Zimmerman "Cultural Group Selection, Political Institutions and Modern Warfare"
- 12:15-12:45 Discussion
- 12:30-2:00 Lunch
- 2:00-2:35 Laura Fortunato "Cross-cultural comparative archaeology: resources and challenges"
- 2:35-3:00 Pieter Francois "The 'Ritual, Community and Conflict' – project and the quest for uniform quality data"
- 3:00-3:25 Paul Hooper "Approaches to social complexity from human behavioral ecology"
- 3:30-4:00 Coffee
- 4:00-4:25 Sarah Mathew
- 4:25-4:50 Shakti Lamba
- 4:50-5:30 Discussion

### **Wednesday Feb.8**

- 9:00-9:35 Peter Turchin "Models as the Link Between General Theories and Data: a Worked Example"
- 9:35-10:00 Peter Richerson "The Origins of the Capacity for Social Complexity"
- 10:00-10:25 Tom Currie "Investigating the Evolution of Socio-Political Complexity using Phylogenetic Methods: Integrating Theories, Methods, and Data"
- 10:30-11:00 Coffee
- 11:00-11:25 DS Wilson
- 11:30-11:40 Mike Hochberg: Intro to Social evolution forum 11:40-12:30 Discussion
- 12:30- Lunch
- 2:00-4:00 Public session