

## SFI Working Group on scaling: Provisional schedule

Version 2 (8 April 2014)

### Wednesday

- What is urban scaling all about?
  - Contemporary urban data
  - Context in urban economics
  - Working models, parameters, power laws
- Ancient vs. modern cities: similarities and differences
  - Urban / Non-urban divide?
  - Ancient / Modern divide?
  - Basic elements of scaling
    - Group definition
    - Transport costs
    - Infrastructure
    - Energy capture
    - Number of interactions
    - Productivity of interactions
    - Division of labor
  - Brainstorming to identify key topics for later discussion
  - Archaeological proxy measures for basic elements
- Initial applications to archaeology: Scott, Mike.
- Small group / individual work period to prepare data for presentation

### Thursday

- Presentation and discussion of initial data patterns
- Synthesis of the various batches of data presented
- Brainstorm models for how scaling processes play out in different contexts
- Discussion of empirical issues
  - Sample size
  - Range vs. precision
  - Chronology
  - Cultural/Technological change
  - Validity of proxy measures
- Discussion of key topics from Wednesday
- Small group / individual work period to revise data and analyses based on discussion

### Friday

- Presentation and discussion of revised data patterns
- Further discussion of key topics
- Discussion of future goals and activities

### *Protocol for data presentations:*

- Brief introduction to the cultural setting and the nature of the data
- Methods used

- Description of results
- Possible significance in terms of the local context
- Implications for the urban scaling framework
- Group discussion