

Group 6

# Participants

- Lori Clarke
- Peter Pirolli
- Skip Walter
- Jim Spohrer
- Adam Porter
- Joshua Rubin

# Hard Problems

- Design, prototyping, development, operation of CSLs (i.e., large-scale, long-running, open, and adaptive) systems
- Measurement and methodology
- Reasoning about emergent behavior
- Validating system properties: functionality, safety, privacy, compliance, etc.

# Opportunities Areas

- Decentralized Design and Architecture
- Measurement and monitoring
- Data analysis and visualization
- Test beds and simulation environments
- Assurance methods
- Experimental methods