Security and dependability summary

- Substantial advances in both communities:
  - GC community has achieved substantial success in formal modeling and ensuring security/dependability of mobile code, web services, etc.
  - Grid community has set up scalable security architectures based on standard trust infrastructures and virtual organizations.
- Many common challenges remain, e.g.:
  - develop advanced infrastructure for secure, dependable large-scale evolving heterogeneous systems
  - provide effective tools to enforce quantitative requirements and security policies (resource usage, confidentiality, performance, etc.)
- New challenges, both from Grid and GC emerged, e.g.:
  - need for computational models, theories and tools that capture quantitative aspects of behaviour (execution times, resource usage, etc.)
  - need to secure, efficient, and reliable resource discovery
- Grid community can benefit from experience of GC community to contribute to the strengthening of Grid security, dependability and performance, which, conversely, raise exciting challenges for the GC community.