

## Panel Discussion

# Resilience Assessment of CI: challenges and promising directions

Alberto Avritzer/SCR USA – Panel Chair

Robin Bloomfield (City University London, UK)

João Batista Camargo Jr. (USP, Brazil),

Mohamed Kaaniche (LAAS-CNRS, France),

William H. Sanders (University of Illinois at Urbana-Champaign, IL, USA),

Tom McCutcheon, Defence Science and Technology Laboratory (DSTL), UK.

## Panel Program

11:00 - Introduction of panelists and panel process— 10 minutes

11:10 -Position statements per panelist – 10 minutes x 5

12:00 - Questions & answers -

12:50 – Conclusions

13:00 - End

## Resilience Assessment of CI: challenges and promising research directions

### Challenges of CI:

- Complexity and Scale
- Non-Singularity of Behavior
- Addressing Failures
- Trust
- Safety
- Reliability

### Research Directions:

- Scalable resilience assessment of CI
- Safety modeling
- Dealing with several types of failures
- Managing trust
- Design for safety
- Reliability modeling
- Testbeds
- Political Environments