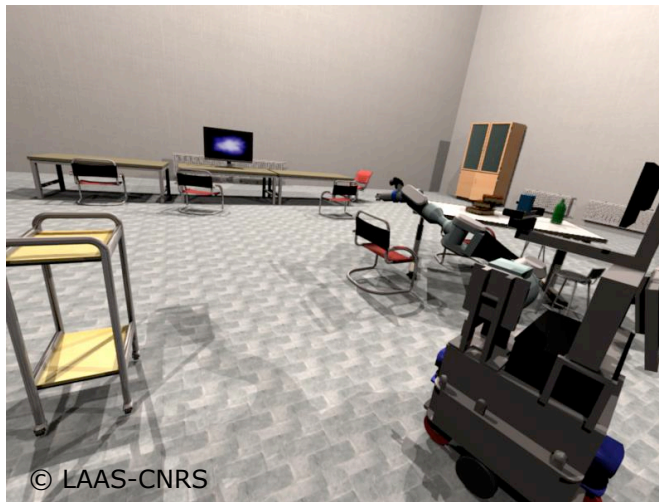


AUGMENT

Automated Generation of Mission Environments for Testing

- Autonomous CPS must operate in diverse environments
- Proposal: test resilience in a large number of different virtual worlds



- ✓ Principled and rigorous testing
- ✓ Economically efficient
- ✓ Finds safety-relevant corner cases

**WORLD CONTENT GENERATION:
automated testing – metaheuristic
optimisation – safety-critical
engineering – robotics**

- Core partners: BTH (Sweden), LAAS-CNRS (France), University of York (UK)

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