

# WORKSHOP FOR ADVANCED METHODS IN BUILDING DIAGNOSTICS AND MAINTENANCE

Friday, December 2, 2016, Lagerhuysch, Faculty 3mE, Mekelweg 2, Delft  
the Netherlands

*Organized by Delft Center for Systems and Control and Honeywell Research Labs*

## Program

---

- 09:30 Robert Babuska (TU Delft)  
*Welcome and opening*
- 09:40 Ondrej Holub (Honeywell)  
*Overview of Advanced Methods for Building Diagnostics and Maintenance*
- 10:00 Alessandro Abate (Oxford University)  
*Multi-Objective optimal maintenance for building automation systems*
- 10:20 Manuel Mazo (TU Delft)  
*Automated data-driven design of virtual sensors for buildings*
- 10:40 Coffee break
- 11:00 Henrik Dibowski (TU Dresden, Honeywell)  
*Ontology-assisted automated setup of diagnostic engine*
- 11:20 Riccardo Ferrari (TU Delft)  
*Enabling model-based fault diagnosis from building automation ontologies*
- 11:40 Peyman Mohajerin Esfahani (TU Delft)  
*Tractable fault detection and isolation techniques for cyber-physical systems*