

# Mats Vande Cavey

MSc. Engineering – Energy at KU Leuven

PhD on control of thermal systems in buildings at  
Dep. Mechanical Engineering, Thermal systems and  
Simulation (Prof. Lieve Helsen)

## Topics

- Model predictive control
- State estimation
- Emulator model development

## Tools

- Modelica (Dymola, JModelica)
- Python

