## David Fischer - Fraunhofer ISE, Freiburg Group of Smart Grids



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- Occupation:
  - Research Engineer Frauhofer ISE, Group of Smart Grids
  - PHD Student Royal Institute of Technology KTH, Division of Energy
- Research Fields:
  - System Modelling of Heat Pump Systems
  - Residential Load Modelling
  - Optimal Control
- PHD Idea:

"Control of Variable Speed Air Source HP in a Smart Grid Context"

- Motivation for Workshop:
  - Learning from others
  - Networking
  - Discussion of QP and Convex Optimization Limitations and Problems experienced

