

# Multi-Strategy Diesel After-Treatment Control

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Poster Location: **P-1**

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- **Modular approach to develop after-treatment control software**
  - Reduce development time and cost
  - Reduce calibration effort
  - Reduce validation effort
  - Reduce time to market
- **Motivation**
  - Off-highway applications will require multiple configurations to meet Tier 4 standards
  - [DOC-DPF] [CCDPF] [DPF-SCR] [SCR-DPF] [DPF-LNT] etc...
  - Empirical approach too time consuming / costly
  - How do we manage this calibration complexity ?
- **Solution**
  - Modular re-configurable model-based strategies
  - Thermo-chemical models
- **Case Study**
  - [DOC-DPF]