Impact of Extreme Injection Pressure and EGR on the Combustion System of a HD Single Cylinder Engine

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Systematics of Research Process
- Tool Chain of Combustion Process Development
- Technical Setup and Environment

Analyse of the Injection System
- Simulation
- Hydraulic Characterisation
- Optical Spray Diagnostics

Engine Investigations
- Experimental Results
- Optical Combustion Diagnostics
- Statistical Test Planning (DoE)