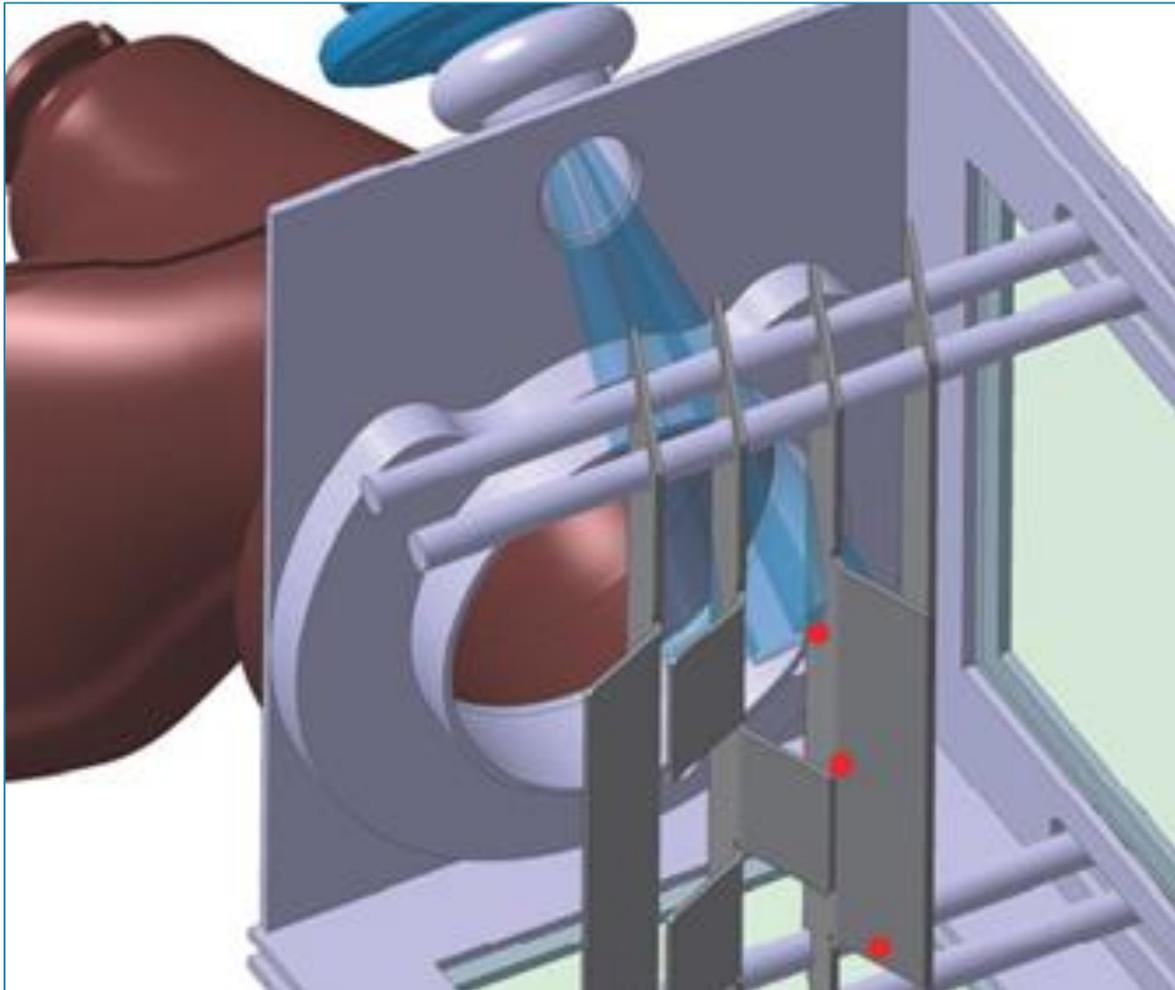
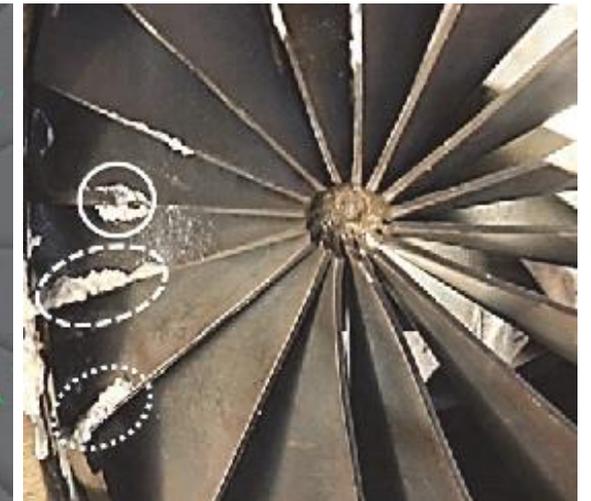
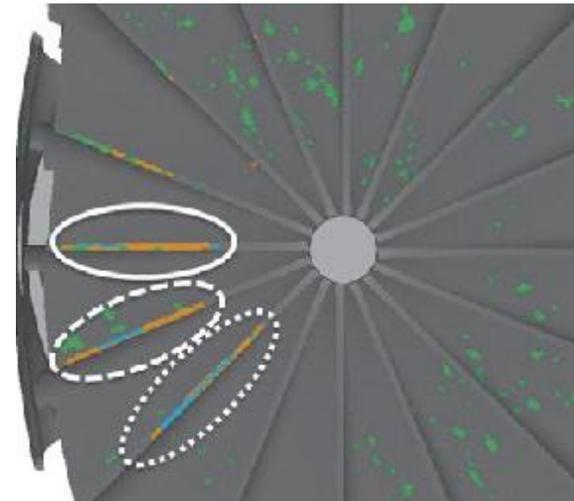


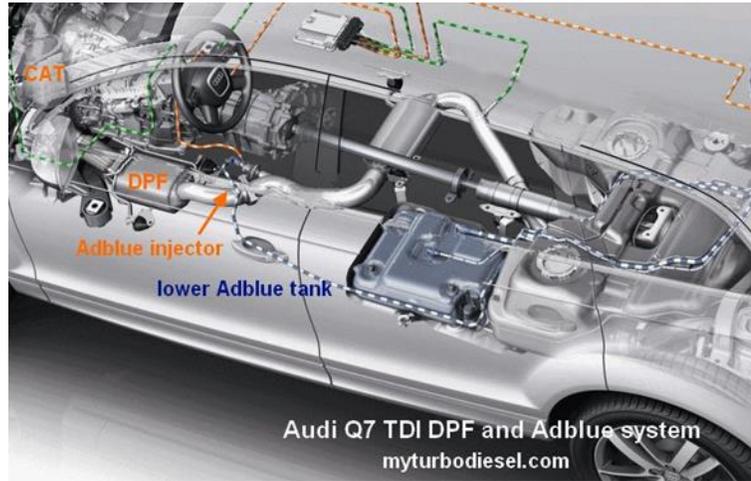
Audi AG evaluates deposit severity in SCR systems with Simcenter STAR-CCM+

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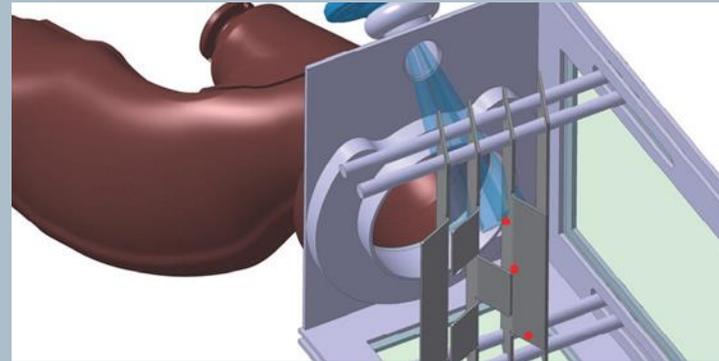
Audi AG uses simulation to predict risk of deposit formation and assess impact of applied mixing element, injector and injection rate





- **Accurately predicted the risk of deposit formation**
- **Impact of mixing element, injector, and injection rate were captured accurately**

Using simulation to predict deposit formation



Test data provided by University of Vienna



Excellent correlation of simulation results

- Simulated 40s elapsed time provided the necessary conditions for deposit formation
- High accuracy of predictions allowed simulation results to impact design direction

“The model accurately predicted the risk of deposit formation”

Vienna University of Technology / AUDI AG