# Simulation for Automotive Technologies with High Performance Computers (HPC)

## 1st HPC-Europa Workshop for SMEs

**HPC3 Europa**

## Date

**26 – 27 November 2018**
Registration deadline:
1 November 2018

## Venue

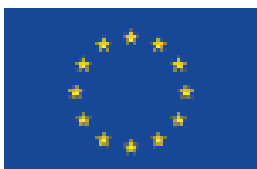**High Performance Computing Center Stuttgart (HLRS), Training Center**

## Organisation

**HPC-Europa3 project**
www.hpc-europa.eu

**SICOS BW GmbH**
www.sicos-bw.de



The picture shows a real-time visualization of a CFD (Computational Fluid Dynamics) model, used to study the aerodynamic, acoustic, and thermodynamic properties of a Porsche car

http://www.hpc-europa.eu/1st-sme-workshop

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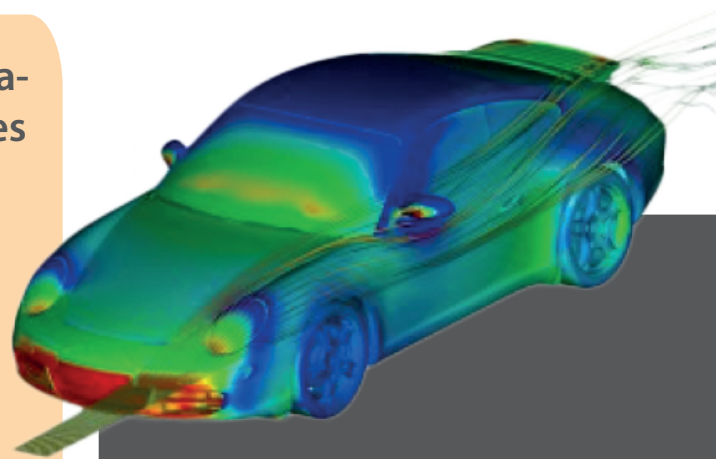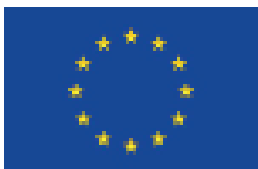
**HPC3 Europa**

# Goals of the Workshop:

- Provide a face-to-face communication platform for SMEs to share their experience of HPC usage for early prototyping, developing and industrial promotion of automotive applications, services and solutions.

- Boost direct communication with representatives of European academia and industry.

# Benefits for participating SMEs:

- Learn about cutting-edge innovations for automotive technologies like Big Data and Machine Learning.

- Learn from SMEs who are successful in an industry dominated by large companies

- Get in touch with the leaders in automotive industry, research, and academia

Example of simulation with the real geometry of a car

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