

Simulation for Automotive Technologies with High Performance Computers (HPC)



1st HPC-Europa Workshop for SMEs

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 (Com-
putational Fluid Dynamics)
model, used to study the
aerodynamic, acoustic, and
thermodynamic properties
of a Porsche car



HPC-Europa3 is an EU-H2020 project
that supports HPC knowledge transfer
between and among academia,
industry and SMEs



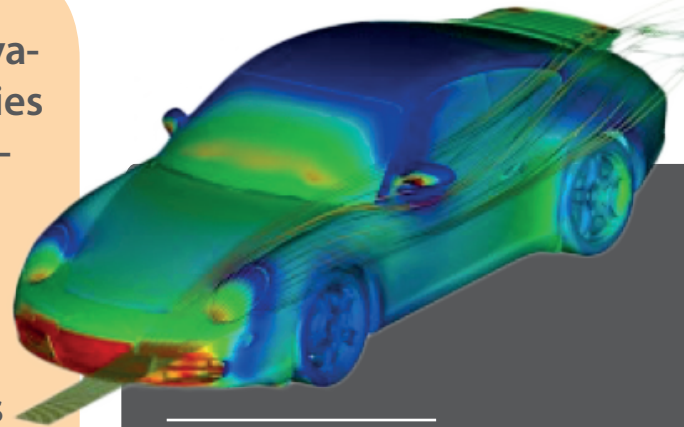
1st HPC-Europa Workshop for SMEs

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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