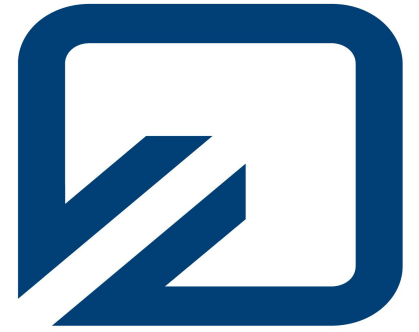




Ostfalia University of Applied Sciences

- Computer Science Faculty -



International Lectures*

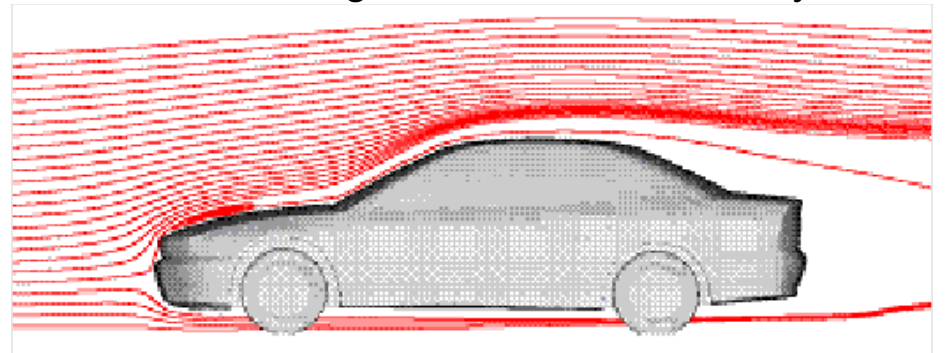
30 November – 04 December 2015

PIV - Particle Image Velocimetry

Fuminori Matsuura, Anan National College of Technology, Japan

PIV is a measurement technique of the flow velocity field, which is used in a variety of industry fields, such as aviation, automotive, power plant or appliance electronics. For example, while designing a car, the air flow around the car should be optimized to decrease the drag. There are several ways to measure the velocity field of the flow.

At the beginning of the lecture, the measurement principle will be explained. For exercises, two different programs based on two algorithms to obtain the velocity field from bitmap images will be implemented. The programming language can be chosen freely, as long as it is capable to read bitmap images.



Starting Monday, 30 November, 09:00, Room 136 ('Kaminzimmer')

Cloud Computing and Technologies

Galia Novakova, Sofia University, Bulgaria

Cloud computing has emerged as perhaps the hottest development in information technology. This short course on explores a range of the most important and relevant technology-related topics that pertain to contemporary cloud computing platforms. The course content keeps coverage at a conceptual level, focusing on topics that address cloud service architecture, cloud technologies, virtualization and data processing.

The purpose of this course is to introduce cloud computing-related technology topics in a manner that is accessible to bachelor students, as well as to empower participants with an understanding of the fundamental mechanics of a cloud platform, how the different “moving parts” can be combined, and how to address common threats and pitfalls.

Starting Wednesday, 02 December, 14:15, Room 136 ('Kaminzimmer')

Ein Semester in ...

Informationsveranstaltung zum Informatik-Auslandssemester

Mittwoch, 02. Dezember, 12:00, Kaminzimmer

* Internationale Vorlesungen - können als **Wahlpflichtvorlesungen mit je 2 SWS bzw. 2,5 Credits** anerkannt werden.