Introduction:
Data Fusion Group

Institute of Computer Science
University of Göttingen
Göttingen, Germany

www.fusion.informatik.uni-goettingen.de
Data Fusion Group

**Professor:**
- Jun.-Prof. Marcus Baum
  (Room 2.111, Inst. Comp. Sc.)

**PhD Students:**
- Shishan Yang
- Fabian Sigges (from May)

**Student Assistant:**
- Maximilian Wess

**Topics:**
- Statistical (Sensor) Data Fusion
- State Estimation
- Data Analysis

**MSc Students:**
- Heiko Scheel
- John Linde
- Shrada Fowdur
- Maximillian Wess
- Hauke Kaulbersch
- Marc Zöller

www.fusion.informatik.uni-goettingen.de
What is Data Fusion?

Combination of data from different sources in order to increase knowledge.

FUSION

KNOWLEDGE
Current Student Projects: Examples

Sensor Fusion for Smart Prostheses with Institute of Neurorehabilitation Systems, UMG

Pedestrian (Group) Tracking in Point Cloud Data

Detection & Analysis of Anomalies in Big Data with USU AG, Karlsruhe
Teaching (Summer Term 15/16, MA)

**Lecture (MSc): Simulation-based Data Fusion & Analysis**
- Solve complex data fusion and analysis problems using simulations
- Applications in robotics, machine learning, computer vision, tracking

**Practical Course (BSc/MSc): Data Fusion**
- Block event in September/October
- Implement and apply sensor fusion algorithms
- Work in a team on an exciting project
Thank you very much!

www.fusion.informatik.uni-goettingen.de