



---

# **Organizational Meeting Database Labcourse**

January 30, 2017

# Coordination

---

- Prof. Alfons Kemper, Ph.D.
  - Dr. Angelika Reiser
  - Michael Schwarz
- 
- Bachelor Practical Course
  - Master Practical Course

# Basic Points

---

- **Weekly Meeting:** Wednesday, 4 – 6 pm
- Ted Codd Seminar Room: MI 02.09.014
- Database system PostgreSQL – own computer needed
- Install virtual machine for DBS and web server

# Content

---

- E/R Modelling
- **Group Project** Modelling: Information analysis and conceptual schema design
- DDL and DML
- referential integrity, triggers and constraints
- Views
- Transaction concept
- System catalog
- Performance tuning

# Content cont.

---

- **Team Project** Modelling: Schema consolidation
- JDBC, object persistence
- Servlets, JSPs, JavaBeans, HTML5, ...
- Design pattern: Model-View-Controller
- **Team Project** UML Modelling of an MVC application
- **Final Team Project:** MVC Implementation

# Organization

---

- Groups of 2, Teams of 6
- First half of the semester
  - Weekly meetings
  - Weekly assignments
  - Grading of the assignments
- Course management tool Moodle for course documents, assignments, announcements, ...
- help desk

# Grading

---

- Midterm exam (written): SQL + JDBC
- Presentations: E/R modelling, UML modelling, final project (always as the team)
- Assignments

## **Registration via the matching system!**

Register on the sheets to show that you have been to this meeting