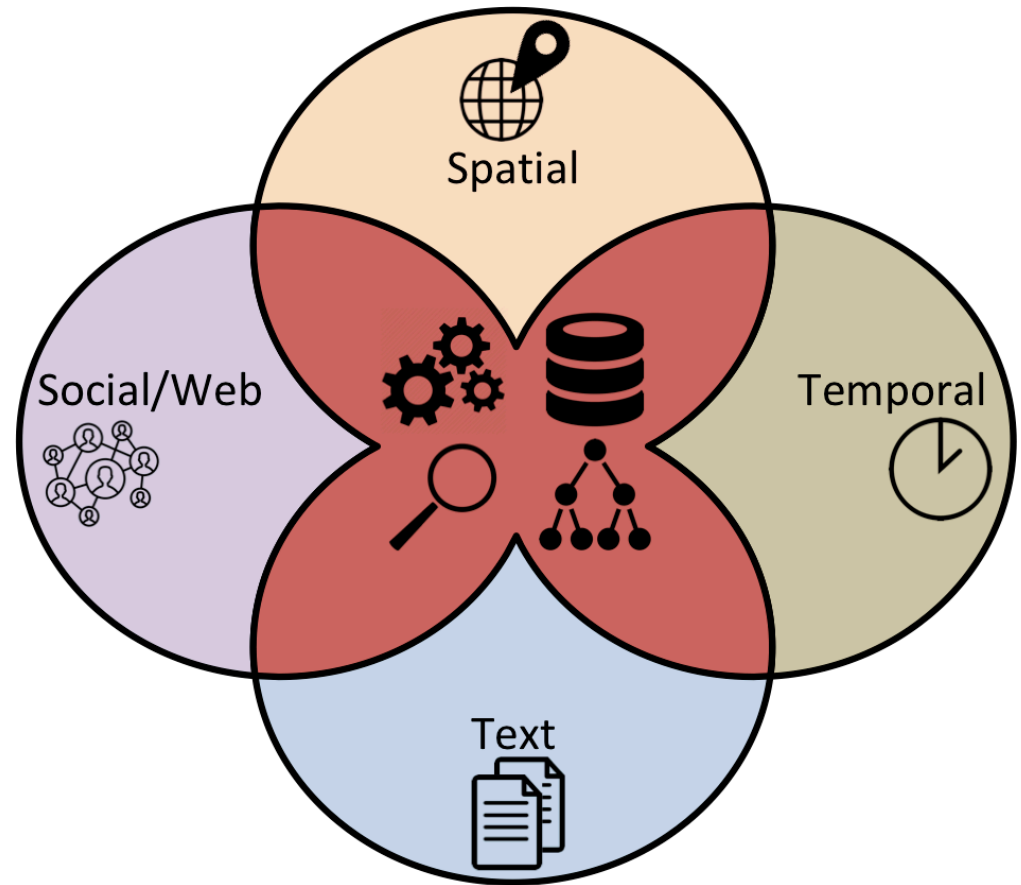
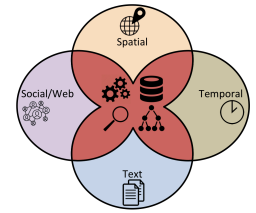


Welcome to SoSe 2021

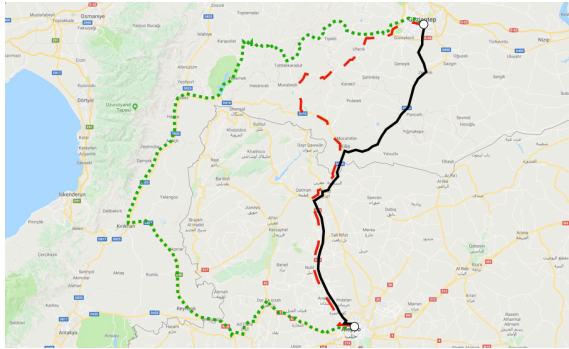
Panagiotis Bouros,
Jun.-Prof. Dr.
Head of the Data
Management group



AG Data Management



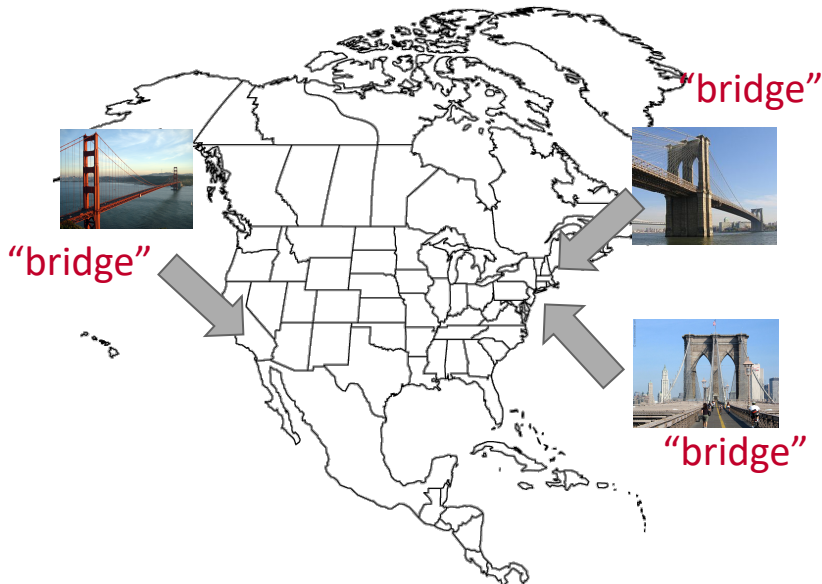
Routing in road networks



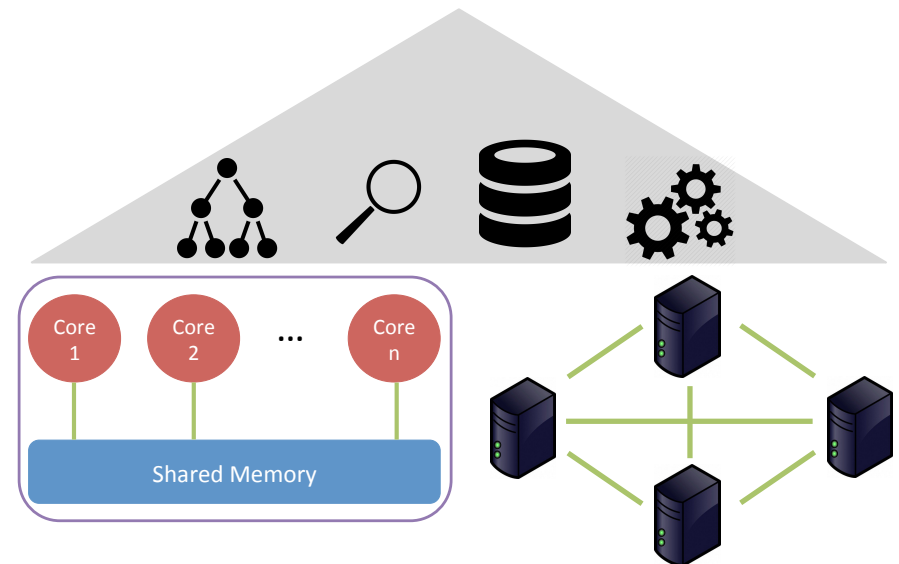
Location-based Social Networks



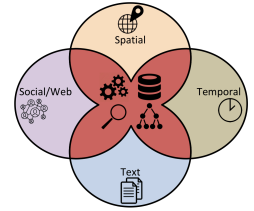
Data de-duplication



Modern Hardware and the Cloud

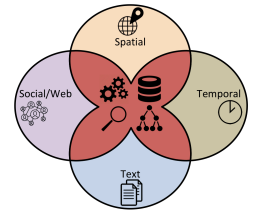


Datenbanken I



- **Vorlesung**
 - Panopto pre-recorded videos
 - Live chat on Tuesdays, 14:00 – 16:00
- **Übung**
 - Deepen your understanding, gain practical experience
 - Weekly exercises (handins assignments) and quizzes
 - Live meeting and chatting on Microsoft Teams
 - Appointments to be determined
- **Unterrichtssprache**
 - English & German (tutorials)
- **Studiengang**
 - B. Sc. / M. Ed.
- **Website**
 - <https://lms.uni-mainz.de/moodle/course/view.php?id=42275>

Datenbanken I

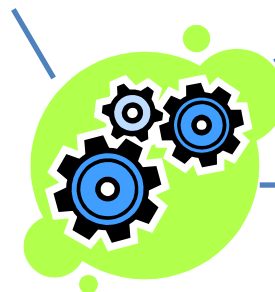


- **Course objectives**

- Effective and efficient management of data
- Databases as part of modern information systems
- Learn how to model and develop effective database systems
- SQL for working with databases
- Applications from various areas, including the web
- Apply in your future work

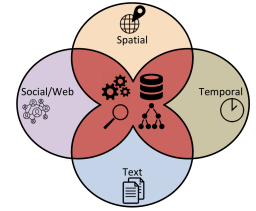
Development: analysis, conceptual model

Databases: entity-relationship model, relational model, SQL, ...



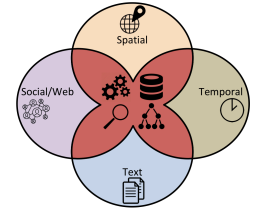
Applications: standalone, internet and the web, ...

Datenbanken II - Seminar



- **Termin**
 - Live meeting and chatting on Microsoft Teams
 - TBD
- **Inhalte**
 - Advanced topics on data management
 - How to critically read and review research literature
 - How to write a report on research literature
 - How to present research literature
- **Unterrichtssprache**
 - English
- **Studiengang**
 - B. Sc. / M. Ed.
- **Website**
 - <https://lms.uni-mainz.de/moodle/course/view.php?id=44018>

AG Data Management



For more information about the group, visit

<https://datamanagement.cs.uni-mainz.de>

