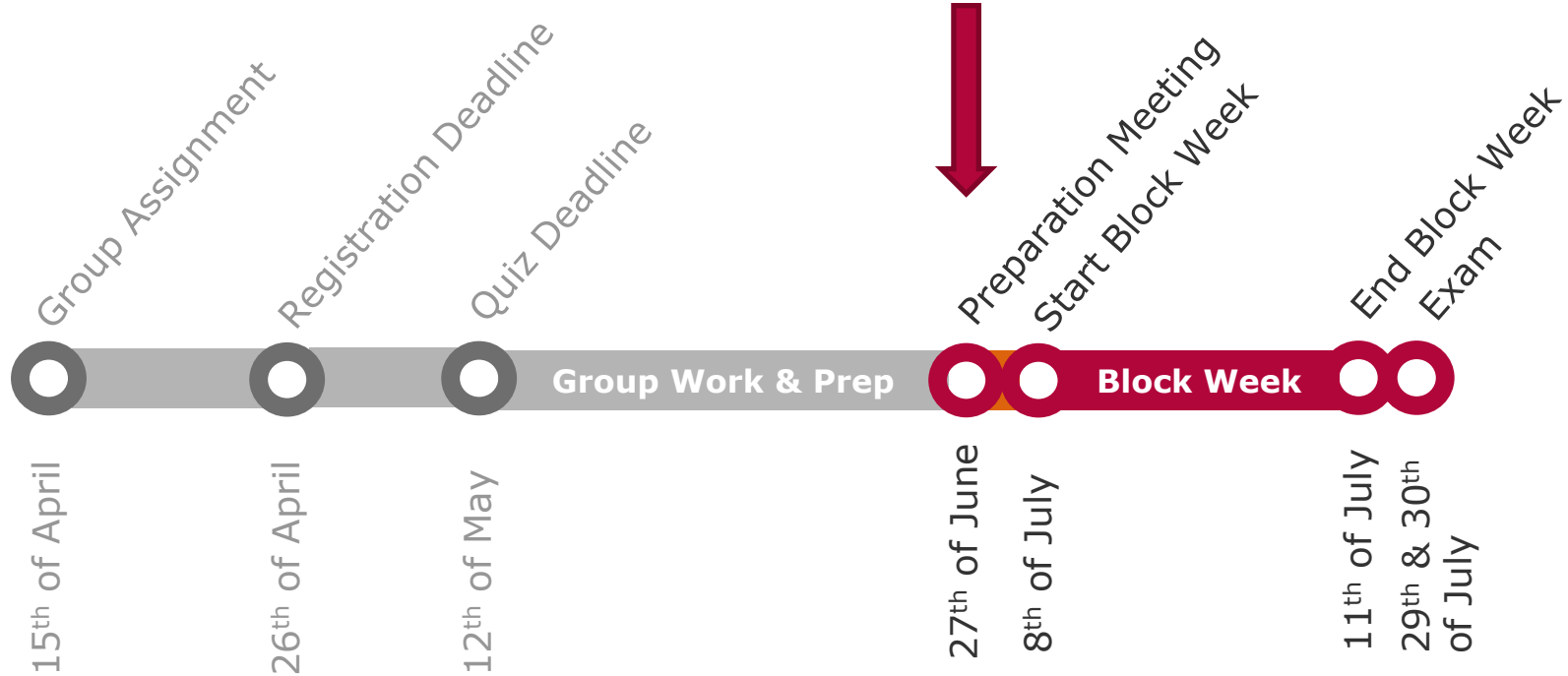




# Trends and Concepts in Software Industry I

# Schedule



# Block Week

- General information
  - 8<sup>th</sup> of July to 11<sup>th</sup> of July
  - Lectures given by Prof. Plattner
  - Discussions about open questions in enterprise computing are a **vital part** of the lecture!
  
- Focus areas
  - Basic principles of in-memory databases
  - Characteristics of modern enterprise systems
  - Advanced data structures for in-memory databases
  - Trends in enterprise computing



# Grading

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- Final grade consists of
  - Preparation quiz (mandatory)
  - Group work, presentation, and participation during the block week (40%)
  - Written or oral exam, depending on #participants (60%)
  
- Participation
  - **active** lecture participation: group discussions, questions, additions

# Guiding Questions

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- What was the situation in transactional and analytical processing before the development of a new database architecture began in 2006?
- Why is speed important?  
What were the technological drivers behind the in-memory revolution?
- How can an in-memory database scale to meet the needs of the largest businesses?
- How does in-memory data management impact the way enterprise applications are being built and used?
- What are future topics in Enterprise Data Management?

# Contacts

- Your group advisors! 😊
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