Large Scale Distributed Systems

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Teaching team

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Objective & Content

- Objective
  - Become familiar with large-scale distributed infrastructures
  - Learn distributed computing principles and underlying technologies
  - Design performing distributed applications
  - Be alert to emerging technologies and research trends

- Content
  - Principles behind distributed systems
  - Storing large amount of data
  - Processing Big Data
  - Dealing with Fast Data

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Schedule, organization and evaluation

- 3.5 hours sessions every week
  - 1st week (today) lecture only
  - Then lectures (1h30) + lab sessions
- Lab sessions
  - On a shared VM or your laptop
  - Docker required
- Evaluation
  - 1 end of term written exam (1h30)
  - 1 small project