Field-specific Seminar Complex Systems
Gebietsseminar Komplexe Systeme

Organizational Matters

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Historic Data Center

Ruth Lichterman, Marlyn Wescoff, and Jean Jennings Bartik (from left to right) program the ENIAC in 1946. Source: Wikimedia Commons.
Modern Data Center

Facebook’s Data Center in Lulea, Sweden. Source: Facebook.
Questions?

What about
> the contrasts?
> the hardware?
> the people?
**Softwarization**

> Softwarization (noun, uncountable)
  > The replacement of traditional hardware in favor of a software solution.

> Several reasons
  > Flexibility
  > Cost savings
  > ...

> Observation
  > Complexity increases further instead of being reduced

> Major topic of this seminar
  > Many forms of softwarization with different names
  > Examples: virtualization, cloud computing, DevOps, …
Seminar Workflow

1. Choice/assignment of seminar topics
   > Assignment procedure is described later

2. Guidelines for scientific presentations and papers
   > Course dates of the next two weeks

3. Literature reviews, familiarization with topic
   > (Regular) appointments for consultation and advices
   > Creation of slides, paper outline, etc.

4. Presentation slides and first version of paper
   > Online talk/presentation via Zoom
   > Specific deadlines TBA (but before end of lecture period)

5. Final camera-ready paper
   > Specific deadline TBA (but before September)
Remarks on the Workflow

> Turn in slides and paper as PDF document via e-mail.
  > Time stamp of ITMZ mail server applies to all deadlines
  > Feel free to send a copy to yourself (i.e., email to CC)

> Extension of deadlines only possible
  > in case of important reasons
  > before the original deadline has expired
  > with a valid medical certificate in case of sickness

> Own initiative is part of the seminar
  > to familiarize with the topic and related work
  > to elaborate on concepts, terms, and ideas
  > Nevertheless, ask for help if (really) necessary

> If you plagiarize (parts of) slides and/or paper, you will fail the course without further warning.
Registration and Contact

> Enrollement in corresponding Stud.IP course
  > 23870 (Seminar) Gebietsseminar Komplexe Systeme / Field-specific Seminar Complex Systems
  > https://studip.uni-rostock.de/dispatch.php/course/details?sem_id=67e67956894689ae90703e410f2332
  > Follow directions in the course announcement

> Questions via email to Helge Parzyjegla
  > helge.parzyjegla@uni-rostock.de