Concurrent Systems

Nebenläufige Systeme

XV. Remote Core Locking

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Organisational Matters

- Final Sprint Winter Term 2017/2018
  - Lecture 12 (January 23, Transactional Memory): self-study
  - Lecture 13 (January 30, Progress Guarantees): self-study
  - Lecture 14 (February 6, Remote Core Locking, Pickings): as scheduled

- Preparation for Lecture 14
  - read „Remote Core Locking" (Lozi et al., USENIX 2012)
  - read „Remote Core Locking" (Lozi et al., USENIX 2012), at least **twice**
  - RCL: Locking algorithm which improves the performance of critical sections on multicore architectures
  - analyse and study the paper during the next two weeks
  - exchange and discuss your findings and perception in Lecture 14

- Background and Guiding Hints
  - technical analysis of the paper, critical reflection on its approach
  - What are the {contributions,limitations} of RCL?
  - What would you consider as additional, <u>further</u> research?