



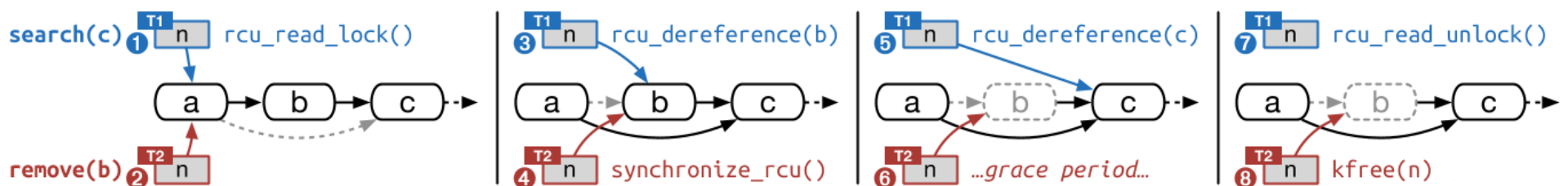
Read-Log-Update: A Lightweight Synchronization Mechanism for Concurrent Programming

Scientific Seminar

Speaker: Prof. Pascal Felber
(Université de Neuchâtel)

Location: Faculty of Computer Science
19 May, 14:00 - Room C308

This presentation addresses a topic of high interest in the area of concurrent programming. It introduces read-log-update (RLU), a novel extension of the popular read-copy-update (RCU) synchronization mechanism that supports scalability of concurrent code by allowing unsynchronized sequences of reads to execute concurrently with updates. RLU overcomes the major limitations of RCU by allowing, for the first time, concurrency of reads with multiple writers, and providing automation that eliminates most of the programming difficulty associated with RCU programming.



This event is part of:
EBSIS – Event Based Systems in Iași

A Twinning between Universitatea Alexandru Ioan Cuza din Iași,
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