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Software Design L2: Base Concepts of Parallel Programming: A Pragmatic Approach

Thursday 27 August 2020 10:00 (1 hour)

This and the following lecture will explain the concepts behind various parallelization methodologies. First, a theoretical introduction into threads, thread-safety and concurrent data access will be given. As the new C++ standard (C++11) now provides build-in support for parallel programming, the new features of this standard will be shown. Finally, concrete solutions for the theoretical problems will be discussed.

Summary

Presenter: GHEATA, Andrei (CERN)