

Optimizing existing large codebase

Tuesday, June 15, 2021 11:20 AM (1 hour)

Parallel and Optimised Scientific Software - lecture 3

- Measuring performance, tools and key indicators
- Improving memory handling
- The nightmare of thread safety
- Code modernization and low level optimizations
- Data structures for efficient computation in modern C++

Summary

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Track Classification: Track 2: Parallel and Optimised Scientific Software