Contribution ID: **49**   Type: **Lecture**

Optimizing existing large codebase

Tuesday 13 June 2023 14:20 (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

Presenter: PONCE, Sebastien (CERN)