Thematic CERN School of Computing on Scientific Software for Heterogeneous Architectures

Contribution ID: 118

Type: Lecture

Data-Oriented Design

Tuesday 7 October 2025 17:30 (1 hour)

CPU Architecture and High Performance - lecture 4

- Principles of data-oriented design

- Memory access and data-type profiling

- Data structure performance optimization

Summary

Presenter: AMADIO, Guilherme (CERN)