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Expressing parallelism pragmatically - Lecture 2

Wednesday, June 18, 2014 10:00 AM (1 hour)

This lecture focuses on the problem of expressing parallelism adapting existing scientific software and designing future applications. Design principles aiming to the formulation of parallel programs and data processing frameworks are presented. The concept of task oriented parallelism is introduced as well as the difficulties of the related work partitioning. The features are explored which the C++ language and a selection of libraries offer for concurrent programming.

Presenter: PIPARO, Danilo (CERN)

Session Classification: Programming for Concurrency