



Contribution ID: 4

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Multi-threaded Programming

During this session, the participants will learn the basic concepts of multi-threaded programming. In particular, they will apply this paradigms to well known and widely used data-processing algorithms. Available software solutions will be introduced and specific functionalities they offer will be discussed. The second, hands-on part of this session will give the participants the opportunity to implement multi-threaded algorithms and benchmark their profitability.

Desirable Prerequisite:

Basic knowledge of C++

C++ templates will be used

Author: Mr HAUTH, Thomas (CERN)

Presenter: Mr HAUTH, Thomas (CERN)

Track Classification: Effective programming and multi-core computing