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Accelerating C++ applications in Medical Physics

Tuesday, 1 March 2016 16:30 (1 hour)

The recent developments in multithreading tools in C++, like OpenMP and TBB, taking advantage of the multicore architecture of the nowadays processors, allowed the creation and improvement of powerful softwares for scientific research. This talk will be focused on the development of such software for simulations, data acquisition and image reconstruction in Positron Emission Tomography, one of the most powerful tools for cancer detection.

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