Special Guest Lectures

HPX: C++ Metaprogramming Meets Future High Performance Computing

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Abstract:
HPX is an experimental implementation of the ParalleX parallel execution model. HPX provides elaborate C++ constructs to allow programmers to express parallalism. This talk discusses one of those constructs, futures, to apply semi-automatic parallalization to a certain class of algorithms and the upcoming challenges to solve.

Speaker's Bio:
Thomas Heller is a Masters student from the University of Erlangen-Nuremberg. He joined the ParalleX Group in order to conduct research for his master thesis.

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