



Contribution ID: 77

Type: **Workshop/BoF proposal**

Introduction to Parallel Computing with OpenMP

Thursday, 7 December 2017 09:00 (20 minutes)

HPC content

This course will present an introduction to foundational concepts of parallel programming, and will specifically train attendees in the basic use of OpenMP for C/C++ and Fortran programmers. The fundamentals of creating parallel execution blocks, forking and synchronizing threads, and employing worksharing loops will be featured in a lecture and explored in a hands-on lab. Additionally, an introduction to new features in OpenMP (SIMD, Affinity) and a high-level introduction to tasking will be presented.

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Session Classification: Thursday Workshop: Introduction to Parallel Computing with OpenMP

Track Classification: Workshops