Material To Use

Topics in Parallel Processing

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International Conference on High Performance Computing

& Simulation

- **Architecture**, including processor; memory; I/O;

hardware; power-aware/energy-efficient; performance

network; instruction-, thread- and data-level

parallelism; accelerators & other special-purpose

- **Algorithms**, including combinatorial and numerical;

- **Applications**, including big data; data analytics;

computational science & engineering (e.g.,

scheduling; power- aware/energy-efficient; machine

learning; modeling & analysis; scalability

- **Software**, including systems software; middleware;

aerospace, arts; biology, finance, geology); scalability

resource management; performance modeling and

compilers; operating systems; run-time systems;

evaluation

programming models, languages, and environments;

HPCS 2017

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The 2017 International Conference on High Performance Computing & Simulation (HPCS 2017)

The 15th Annual Meeting

July 17 – 21, 2017
Genoa, Italy
(Tentative)

http://hpcs2017.cisedu.info or http://cisedu.us/rp/hpcs17

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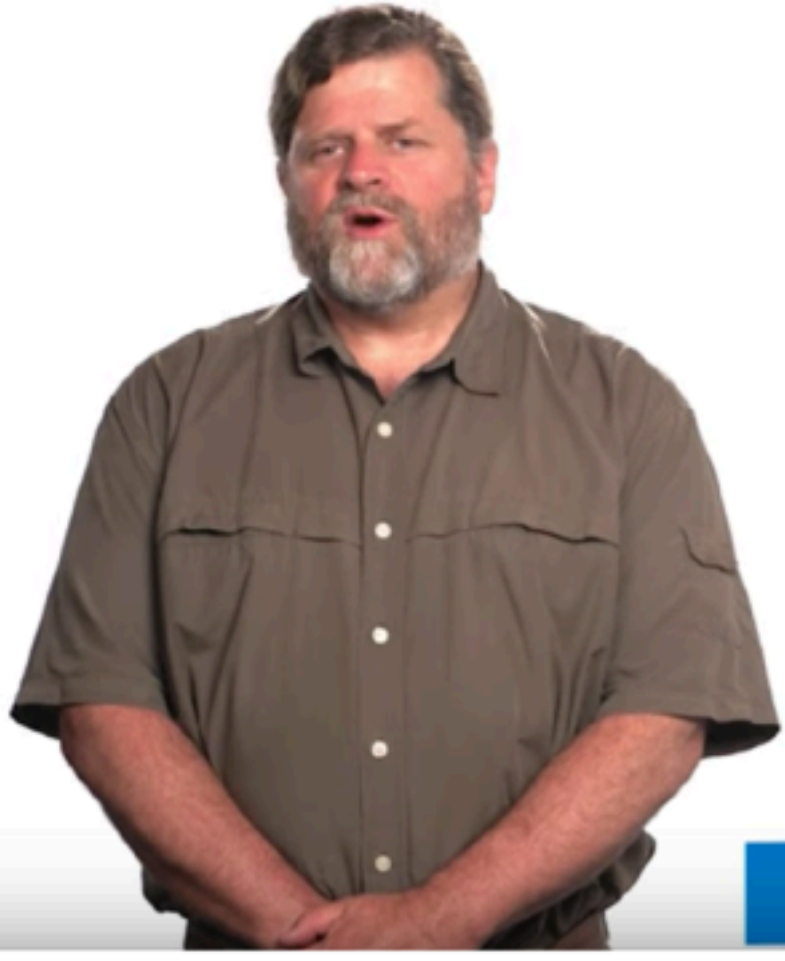
Call for Papers and Participation

(Main Track Paper Submission Deadline: March 24, 2017 - Extended)

Video Series

Introduction to **OpenMP** - Tim Mattson (Intel)


Tim Mattson
Senior Research Scientist, Intel

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