



November 2018 Newsletter

Super Computing 2018- Intel Associated Actives

Come gain hands-on experience with Intel platforms, network with Intel and industry experts, and gain insights on recent technology advances to maximize software efficiency and accelerate your path to discovery. Get all of the latest Intel SC18 activities & events with our [mobile app](#). Some of the below events will require an SC18 attendance pass; see [SC18 registration](#) for more details.

Date	Time	Session Type	Topic
Nov. 11 th , 2018	9:00am-5:30pm	Workshop	Fourth Computational Approaches for Cancer Workshop (CAFCW18)
Nov. 11 th , 2018	8:30am-5:30pm	Tutorial	Advanced OpenMP: Host Performance and 5.0 Features
Nov. 11 th , 2018	8:30am-5:30pm	Tutorial	OpenMP Common Core: a "Hards-On" Exploration
Nov. 12 th , 2018	9:00am-5:30pm	Workshop	Ninth Annual Workshop for the Energy Efficient HPC Working Group (EE HPC WG)
Nov. 12 th , 2018	8:30am-12:00pm	Tutorial	Mastering Tasking with OpenMP
Nov. 12 th , 2018	1:30pm-5:00pm	Tutorial	Performance Tuning of Scientific Codes with the Roofline Model
Nov. 12 th , 2018	9:30am-10:00am	Early Career Program	Learning to Lead in HPC - Strategies to Start Your Leadership Journey
Nov. 13 th , 2018	1:30pm-2:00pm	Paper	Extreme Scale De Novo Metagenome Assembly
Nov. 13 th , 2018	2:00pm-2:30pm	Paper	Optimizing High Performance Distributed Memory Parallel Hash Tables for DNA k-mer Counting
Nov. 13 th , 2018	3:30pm-4:00pm	Paper	Many-Core Graph Workload Analysis
Nov. 13 th , 2018	1:30pm-3:00pm	Panel	Swiss Army Programming: Performance and Portability from Modern Tools

Nov. 13 th , 2018	12:15pm-1:15pm	BoF	LLVM in HPC: What's New?
Nov. 13 th , 2018	5:15pm-6:45pm	BoF	The Facility Perspective on Liquid Cooling: Experiences and Proposed Open Specification
Nov. 13 th , 2018	5:15pm-6:45pm	BoF	Multi-Level Memory and Storage for HPC and Data Analytics
Nov. 13 th , 2018	5:15pm-6:45pm	BoF	Enabling Data Services for HPC
Nov. 14 th , 2018	11:00am-11:30am	Paper	Framework for Scalable Intra-Node Collective Operations Using Shared Memory
Nov. 14 th , 2018	2:30pm-3:00pm	Paper	High-Performance Dense Tucker Decomposition on GPU Clusters
Nov. 14 th , 2018	12:15pm-1:15pm	BoF	OpenHPC Community BoF
Nov. 14 th , 2018	12:15pm-1:15pm	BoF	A Look Ahead: Energy and Power Aware Job Scheduling and Resource Management
Nov. 14 th , 2018	5:15pm-6:45pm	BoF	PMIx: Enabling Workflow Orchestration
Nov. 14 th , 2018	5:15pm-6:45pm	BoF	OpenMP® 5.0 Is Here: Find Out All the Things You Need to Know About It!
Nov. 15 th , 2018	2:00pm-2:30pm	Paper	CosmoFlow: Using Deep Learning to Learn the Universe at Scale
Nov. 15 th , 2018	2:30pm-3:00pm	Paper	Anatomy of High-Performance Deep Learning Convolutions on SIMD Architectures
Nov. 15 th , 2018	8:30am-5:00pm	ACM	Fast and Accurate Training of an AI Radiologist
Nov. 15 th , 2018	8:30am-5:00pm	ACM	Tensor-Optimized Hardware Accelerates Fused Discontinuous Galerkin Simulations
Nov. 15 th , 2018	8:30am-5:00pm	ACM	Understanding Potential Performance Issues Using Resource-Based alongside Time Models
Nov. 15 th , 2018	12:15pm-1:15pm	BoF	Collaboration Toward a Software Stack for System Power Optimization: The HPC PowerStack
Nov. 15 th , 2018	12:15pm-1:15pm	IXPUG BoF	Achieving Performance on Large-Scale Intel Xeon-Based Systems
Nov. 16 th , 2018	8:30am-8:40pm	Workshop	International Workshop on Performance, Portability, and Productivity in HPC(P3HPC)
Nov. 16 th , 2018	9:10am-9:25am	Workshop	Effective Performance Portability
Nov. 16 th , 2018	9:25am-9:40am	Workshop	Evaluating the Impact of Proposed OpenMP 5.0 Features on Performance, Portability, and Productivity
Nov. 16 th , 2018	11:30am-11:50am	Workshop	P3HC Session 2 Panel Discussion

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