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**Sunday, June 18, 2017**

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**■ Tutorial 01: Understanding & Improving I/O Performance on HPC Systems**

**June 18, 2017, 09:00 am - 06:00 pm**

08:00 am - 10:00 am Welcome Coffee

11:00 am - 11:30 am Coffee Break

01:00 pm - 02:00 pm Lunch

04:00 pm - 04:30 pm Coffee Break

**Analog 1, Forum**

**Adrian Jackson, EPCC**

**Muhammad Sarim Zafar, TU Dresden**

**Tomislav ubi, Arctur**

**Dr. Keeran Brabazon, Allinea**

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**■ Tutorial 02: Hands-On Practical Hybrid Parallel Application Performance Engineering**

**June 18, 2017, 09:00 am - 06:00 pm**

08:00 am - 10:00 am Welcome Coffee

11:00 am - 11:30 am Coffee Break

01:00 pm - 02:00 pm Lunch

04:00 pm - 04:30 pm Coffee Break

**Analog 2, Forum**

**Dr. Markus Geimer, JSC**

**Prof. Dr. Michael Gerndt, TU München**

**Prof. Dr. Allen Malony, University of Oregon**

**Dr. Ronny Tschüter, TU Dresden**

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**■ Tutorial 03: Linear Algebra Software for High Performance Computing**

**June 18, 2017, 09:00 am - 01:00 pm**

08:00 am - 10:00 am Welcome Coffee

11:00 am - 11:30 am Coffee Break

01:00 pm - 02:00 pm Lunch

**Applaus, Forum**

**Prof. Dr. Jack Dongarra, University of Tennessee & ORNL**

**Hartwig Anzt, University of Tennessee**

**Dr. Michael Heroux, Sandia National Laboratories**

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**■ Tutorial 04: Advanced MPI**

**June 18, 2017, 09:00 am - 06:00 pm**

08:00 am - 10:00 am Welcome Coffee

11:00 am - 11:30 am Coffee Break

01:00 pm - 02:00 pm Lunch

04:00 pm - 04:30 pm Coffee Break

**Substanz 1+2, Forum**

**Dr. Pavan Balaji, ANL**

**Prof. Dr. Torsten Hoefler, ETH Zurich**

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**Tutorial 05: InfiniBand & High-Speed Ethernet for Dummies**

**June 18, 2017, 09:00 am - 01:00 pm**

08:00 am - 10:00 am Welcome Coffee

11:00 am - 11:30 am Coffee Break

01:00 pm - 02:00 pm Lunch

**Konstant, Forum**

**Prof. Dr. Dhableswar K. Panda, Ohio State University**

**Dr. Hari Subramoni, Ohio State University**

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**Tutorial 07: A Beginners Guide to Supercomputing**

**June 18, 2017, 09:00 am - 06:00 pm**

08:00 am - 10:00 am Welcome Coffee

11:00 am - 11:30 am Coffee Break

01:00 pm - 02:00 pm Lunch

04:00 pm - 04:30 pm Coffee Break

**Effekt, Hall 3.0**

**Prof. Dr. Thomas Sterling, Indiana University**

**Dr. Matthew Anderson, Indiana University**

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**Tutorial 08: Introduction to Manycore Programming on Intels 2nd Generation Xeon Phi (Knights Landing)**

**June 18, 2017, 09:00 am - 01:00 pm**

08:00 am - 10:00 am Welcome Coffee

11:00 am - 11:30 am Coffee Break

01:00 pm - 02:00 pm Lunch

**Expose, Hall 3.0**

**Dr. John Cazes, TACC**

**Dr. Robert Evans, TACC**

**Dr. Kent Milfeld, TACC**

**Dr. Cyrus Proctor, TACC**

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**Tutorial 09: Advanced OpenMP: Performance & 4.5 Features**

**June 18, 2017, 09:00 am - 01:00 pm**

08:00 am - 10:00 am Welcome Coffee

11:00 am - 11:30 am Coffee Break

01:00 pm - 02:00 pm Lunch

**Extrakt, Hall 3.0**

**Dr. Christian Terboven, RWTH Aachen University**

**Dr.-Ing. Michael Klemm, Intel**

**Dr. Eric Stotzer, Texas Instruments**

**Dr. Bronis R. de Supinski, LLNL**

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■ **Tutorial 10: Compression of Scientific Data**

**June 18, 2017, 02:00 pm - 06:00 pm**

01:00 pm - 02:00 pm Lunch

04:00 pm - 04:30 pm Coffee Break

**Applaus, Forum**

**Franck Cappello, ANL**

**Dr. Peter Lindstrom, LLNL**

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■ **Tutorial 11: InfiniBand & High-Speed Ethernet: Advanced Features, Challenges in Designing HEC Systems & Usage**

**June 18, 2017, 02:00 pm - 06:00 pm**

01:00 pm - 02:00 pm Lunch

04:00 pm - 04:30 pm Coffee Break

**Konstant, Forum**

**Prof. Dr. Dhabaleswar K. Panda, Ohio State University**

**Dr. Hari Subramoni, Ohio State University**

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■ **Tutorial 12: Manycore Optimization Methods on Intel's 2nd Generation Xeon Phi (Knights Landing)**

**June 18, 2017, 02:00 pm - 06:00 pm**

01:00 pm - 02:00 pm Lunch

04:00 pm - 04:30 pm Coffee Break

**Expose, Hall 3.0**

**Dr. John Cazes, TACC**

**Dr. Robert Evans, TACC**

**Dr. Kent Milfeld, TACC**

**Dr. Cyrus Proctor, TACC**

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■ **Tutorial 13: MPI+X - Hybrid Programming on Modern Compute Clusters with Multicore Processors & Accelerators**

**June 18, 2017, 02:00 pm - 06:00 pm**

01:00 pm - 02:00 pm Lunch

04:00 pm - 04:30 pm Coffee Break

**Extrakt, Hall 3.0**

**Dr. Georg Hager, RRZE**

**Dr. Rolf Rabenseifner, HLRS**

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