
Sunday, June 18, 2017

■ 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

■ 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

■ 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

■ 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

■ **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

■ **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

■ **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

■ **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

■ **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

■ **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

■ **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

■ **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
