
Thursday, June 22, 2017

■ Experiences on Intel Knights Landing at the One-Year Mark

June 22, 2017, 09:00 am - 06:00 pm

08:30 am - 09:00 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

Platinum 2, Marriott Hotel

Dr. Michael A. Lysaght, ICHEC

Dr. Estela Suarez, JSC

Dr. Simon J. Pennycook, Intel

Dr. Richard Gerber, NERSC

Wibe Albert de Jong, LBNL

■ HPC I/O in the Data Center

June 22, 2017, 09:00 am - 01:00 pm

08:30 am - 09:00 am Welcome Coffee

11:00 am - 11:30 am Coffee Break

01:00 pm - 02:00 pm Lunch

Gold 1, Marriott Hotel

Colin McMurtrie, CSCS

Dr. Jay Lofstead, Sandia National Laboratories

Dr. Julian Kunkel, DKRZ

Bryan Lawrence, National Centre for Atmospheric Science

■ **ExaComm: Third International Workshop on Communication Architectures for HPC, Big Data, Deep Learning & Clouds at Extreme Scale**

June 22, 2017, 09:00 am - 06:00 pm

08:30 am - 09:00 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

Gold 2, Marriott Hotel

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

Dr. Hari Subramoni, Ohio State University

Mitch Gusat, IBM Zurich Research

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

Dr. Hari Subramoni, Ohio State University

Dr. Jeffrey Vetter, ORNL & University of Tennessee-Knoxville

Dr. Chris J. Newburn, NVIDIA

Dr. Yuichiro Ajima, Fujitsu

Dr. Nicolas Dubé, HPE

Prof. Dr. Taisuke Boku, University of Tsukuba

Gilad Shainer, Mellanox

Pavel Shamis, ARM

Klaus Gottschalk, IBM

Dr. Philippe Thierry, Intel

Nectarios Koziris, National Technical University of Athens

Ron Brightwell, Sandia National Laboratories

Dr. Ada Gavrilovska, Georgia Tech

Richard Graham, Mellanox

■ **Performance Engineering for HPC: Implementation, Processes & Case Studies**

June 22, 2017, 09:00 am - 06:00 pm

08:30 am - 09:00 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

Gold 3, Marriott Hotel

Dr. Georg Hager, RRZE

Prof. Dr. Gerhard Wellein, RRZE & University of Erlangen-Nuremberg

Prof. Dr. Matthias Müller, RWTH Aachen University

Jens Jägersküpper, German Aerospace Center (DLR)

Dr.-Ing. Harald Köstler, University of Erlangen-Nuremberg

Prof. Dr. Torsten Hoefler, ETH Zurich

Prof. Dr. Jesús Labarta, BSC

Prof. Dr. Alexander Reinefeld, ZIB & Humboldt-University Berlin

Dr. Jan Eitzinger, RRZE

Prof. Dr. Dirk Pleiter, JSC

Dr. Cyrus Proctor, TACC

Christian Bischof, University of Darmstadt

Robert Henschel, Indiana University

■ **Going ARM**

June 22, 2017, 09:00 am - 01:00 pm

08:30 am - 09:00 am Welcome Coffee

11:00 am - 11:30 am Coffee Break

01:00 pm - 02:00 pm Lunch

Flint, Marriott Hotel

Dr. Jonathan Beard, ARM

Roxana Rusitoru, ARM

Jonathan Beaumont, University of Michigan

■ **Women in HPC: Diversifying the HPC Community**

June 22, 2017, 09:00 am - 01:00 pm

08:30 am - 09:00 am Welcome Coffee

11:00 am - 11:30 am Coffee Break

01:00 pm - 02:00 pm Lunch

Basalt, Marriott Hotel

Dr. Toni Collis, EPCC

■ **12th Workshop on Virtualization in High-Performance Cloud Computing (VHPC'17)**

June 22, 2017, 09:00 am - 06:00 pm

08:30 am - 09:00 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

Alabaster 1, Marriott Hotel

Dr. Michael Alexander, scaledinfra technologies

Dr. Anastassios Nanos, NTUA

Dr. Balazs Gerofi, RIKEN AICS

■ **In Situ Visualization: Introduction & Applications**

June 22, 2017, 09:00 am - 01:00 pm

08:30 am - 09:00 am Welcome Coffee

11:00 am - 11:30 am Coffee Break

01:00 pm - 02:00 pm Lunch

Alabaster 2, Marriott Hotel

Dr. Steffen Frey, University of Stuttgart

Dr. Guido Reina, University of Stuttgart

Dr. Tom Vierjahn, RWTH

Dr. Gunther H. Weber, LBNL & UC Davis

Dr. Kenneth Moreland, Sandia National Laboratories

James Jeffers, Intel

Paul A. Navrátil, Texas Advanced Computing Center

■ **Strategies & Technologies for HPC after MOSFET Scaling Ends**

June 22, 2017, 09:00 am - 06:00 pm

08:30 am - 09:00 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

Matrix, Marriott Hotel

Dr. George Michelogiannakis, LBNL

Dr. Jeffrey Vetter, ORNL & University of Tennessee-Knoxville

Murray Thom, D-Wave Systems

Prof. Dr. Karlheinz Meier, University of Heidelberg

■ **Second International Workshop on Performance Portable Programming Models for Accelerators (P³MA)**

June 22, 2017, 09:00 am - 06:00 pm

08:30 am - 09:00 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

Kilobyte, Marriott Hotel

Dr. Sunita Chandrasekaran, University of Delaware

Dr. Graham Lopez, ORNL

Prof. Dr. David Keyes, KAUST

■ **Energy-Aware High Performance Computing (EnA-HPC)**

June 22, 2017, 09:00 am - 06:00 pm

08:30 am - 09:00 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

Megabyte, Marriott Hotel

Prof. Dr. Thomas Ludwig, DKRZ

Prof. Dr. Wolfgang E. Nagel, TU Dresden/ZIH

Prof. Dr. Matthias Müller, RWTH Aachen University

Prof. Dr. Vincent Heuveline, University of Heidelberg

■ **Second International Workshop on OpenPOWER for HPC (IWOPH17)**

June 22, 2017, 09:00 am - 06:00 pm

08:30 am - 09:00 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

Gigabyte, Marriott Hotel

Prof. Dr. Dirk Pleiter, JSC

Dr. Jack Wells, ORNL

Dr. Andreas Herten, JSC

■ **HPC Applications in Precision Medicine**

June 22, 2017, 09:00 am - 01:00 pm

08:30 am - 09:00 am Welcome Coffee

11:00 am - 11:30 am Coffee Break

01:00 pm - 02:00 pm Lunch

Ampere, Marriott Hotel

Dr. Eric Stahlberg, Frederick National Laboratory for Cancer Research

Dr. Thomas Steinke, ZIB

Dr. Sunita Chandrasekaran, University of Delaware

■ **The 1st International Workshop on Data Reduction for Big Scientific Data (DRBSD-1)**

June 22, 2017, 09:00 am - 01:00 pm

08:30 am - 09:00 am Welcome Coffee

11:00 am - 11:30 am Coffee Break

01:00 pm - 02:00 pm Lunch

Volt, Marriott Hotel

Dr. Scott Klasky, ORNL

Prof. Gary Liu, New Jersey Institute of Technology

Dr. Ian Foster, National Laboratory/University of Chicago

■ **OpenSuCo: Workshop for Open Source Supercomputing**

June 22, 2017, 09:00 am - 01:00 pm

08:30 am - 09:00 am Welcome Coffee

11:00 am - 11:30 am Coffee Break

01:00 pm - 02:00 pm Lunch

Candela, Marriott Hotel

Farzad Fatollahi-Fard, LBNL

David Donofrio, LBNL

John D. Leidel, Tactical Computing Laboratories

Dr. Anastasiia Butko, LBNL

■ **Workshop on Performance & Scalability of Storage Systems (WOPSSS)**

June 22, 2017, 02:00 pm - 06:30 pm

01:00 pm - 02:00 pm Lunch

04:00 pm - 04:30 pm Coffee Break

Gold 1, Marriott Hotel

Dr. Jean-Thomas Acquaviva, DDN

Dr. Jalil Boukhobza, UBO

PRACE Training Workshop

June 22, 2017, 02:00 pm - 06:00 pm

01:00 pm - 02:00 pm Lunch

04:00 pm - 04:30 pm Coffee Break

Flint, Marriott Hotel

Dr. Nia Alexandrov, BSC

Dr. Ondrej Jakl, VSB

Dr. Ioannis Liabotis, GRNET

Dr. Maria-Ribera Sancho, BSC

Dr. David Henty, EPCC

Dr. Rolf Rabenseifner, HLRS

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

Paul Graham, EPCC

Shaun de Witt, UKAEA

Emmanouil Farsarakis, EPCC

Leon Kos, University of Ljubljana

Dr. Stelios Erotokritou, The Cyprus Institute

Linux Container to Optimise IT Infrastructure & Workloads

June 22, 2017, 02:00 pm - 06:00 pm

01:00 pm - 02:00 pm Lunch

04:00 pm - 04:30 pm Coffee Break

Basalt, Marriott Hotel

Christian Kniep, Sony Interactive Entertainment

Paolo Di Tommaso, CRG

Burak Yenier, Ubercloud

Holger Gantikow, Atos

Michael Bauer, University of Michigan

Luk Borchard, Loodse

Greg Kurtzer, SingularityWare

Visualization at Scale: Deployment Case Studies & Experience Reports

June 22, 2017, 02:00 pm - 06:00 pm

01:00 pm - 02:00 pm Lunch

04:00 pm - 04:30 pm Coffee Break

Alabaster 2, Marriott Hotel

Glendon Holst, KAUST

Thomas Theussl, KAUST

Julien Jomier, Kitware

■ **Interdisciplinary Challenges Towards Exascale Fluid Dynamics**

June 22, 2017, 02:00 pm - 06:00 pm

01:00 pm - 02:00 pm Lunch

04:00 pm - 04:30 pm Coffee Break

Ampere, Marriott Hotel

Prof. Dr. Erwin Laure, KTH

Dr. Philipp Schlatter, KTH

Dr. Niclas Jansson, KTH

Ingrid Hotz, Linköping University

■ **HPC Resource Allocation Workshop**

June 22, 2017, 02:00 pm - 06:00 pm

01:00 pm - 02:00 pm Lunch

04:00 pm - 04:30 pm Coffee Break

Volt, Marriott Hotel

Dr. Roger Edberg, NCI