Opening Remarks for
MCHPC'18: Workshop on Memory Centric High Performance Computing

in conjunction with SC18

9:00AM - 5:30PM, November 11, 2018

Yonghong Yan (University of South Carolina)
Ron Brightwell (Sandia National Laboratory)
Xian-He Sun (Illinois Institute of Technology)
Maya B Gokhale (Lawrence Livermore National Laboratory)

https://passlab.github.io/mchpc/mchpc2018/

Morning and Afternoon Program
Provide Your Feedback: https://submissions.supercomputing.org/eval.html

- **9:00 AM – 9:05 AM Opening, MCHPC'18 Organizers**

- **09:05 AM - 10:00 AM Session 1: Morning Keynote, <u>Converging Storage and Memory</u>, Frank T. Hady (Intel)**
  - **Session Chair: Yonghong Yan**

- **10:30 AM - 11:30 AM Session 2: Paper Presentation, Session Chair: Tom Deakin**

- **11:30 AM - 12:30 PM Session 3: Paper Presentation, Session Chair: Ivy Bo Peng**

- **2:00 PM – 3:00 PM Session 4: Afternoon Keynote, <u>All Tomorrow's Memory Systems</u>, <u>Bruce Jacob (University of Maryland at College Park)</u>**
  - **Session Chair: Ron Brightwell**

- **3:30 PM – 4:30 PM Session 5: Paper Presentation, Session Chair: Xian-He Sun**

- **4:30 PM – 5:30 PM Session 6: Panel, <u>Research Challenges in Memory-Centric Computing</u>, Moderator: Maya B Gokhale (LLNL)**
  - **Mike Ignatowski, Sr. Fellow – Advanced Memory and Reconfigurable Computing - AMD**
  - **Jonathan C. Beard, Staff Research Engineer - Arm HPC | Future Memory/Compute Systems**
  - **Bruce Jacob - Keystone Professor, University of Maryland at College Park**
  - **Michael A Heroux - ECP director of Software Technology, Sandia National Laboratories**

Appreciation and Acknowledgement

- **All authors who submitted papers to this workshop**
- **Program committee members for providing us with high-quality reviews under tight deadlines.**
  - **>= 3 reviews per paper**
  - **6 regular and 3 short papers were selected from 12 submissions**
- **Thankful for our Keynote speakers and panelists**
- **Special thanks to ACM for publishing the proceedings in DL and Sandia for financial support**
  - **During SC18**
    - **https://passlab.github.io/mchpc/mchpc2018/MCHPC18Proceedings.pdf**
- **Thanks to SC'18 Workshop Chair Guillaume Aupy and Linklings team**
- **Sincere thanks are due to the attendees, we hope you enjoy.**

Program Committee

- Ron Brightwell (Co-Chair, Sandia National Laboratory)
- Yonghong Yan (Co-Chair, University of South Carolina)
- Xian-He Sun (Illinois Institute of Technology)
- Maya B Gokhale (Lawrence Livermore National Laboratory)
- Mingyu Chen (Chinese Academy of Sciences)
- Bronis R. de Supinski (Lawrence Livermore National Laboratory)
- Tom Deakin (University of Bristol)
- Wendy Elasser (Arm Ltd)
- Hal Finkel (Argonne National Laboratory and LLVM Foundation)
- Kyle Hale (Illinois Institute of Technology)
- Jeff R. Hammond (Intel Corporation)
- Dong Li (University of California, Merced)
- Scott Lloyd (Lawrence Livermore National Laboratory)
- Ivy B. Peng (Oak Ridge National Laboratory)
- Christian Terboven (RWTH Aachen University)
- Alice Koniges (Univ. of Hawaii, Maui High Performance Computing Center)
- Xiaonan (Daniel) Tian (NVIDIA)