Dell EMC HPC Community Meeting
March 19-22, 2018
Austin, TX

Call for Papers and Invitation to Attend

The Dell EMC HPC Community Meeting
March 19-22, 2018
Westin Austin at the Domain
Austin, Texas

Please join us at the Dell EMC HPC Community meeting, March 19-22, 2018 at the Westin at the Domain in Austin, Texas. Registration is open at https://www.dellhpc.org/march-2018.html.

The Dell EMC HPC Community is a worldwide technical forum that fosters the exchange of ideas among researchers, computer scientists, technologists, and engineers and promotes the advancement of innovative, powerful HPC solutions.

Attendees are invited to participate in this exclusive workshop featuring insightful keynote presentations by HPC experts, as well as valuable technical sessions and discussions. Extensive time will be provided for networking between the participants, including a unique opportunity for open dialogue between customers, the leading HPC technology providers, and Dell EMC executives and HPC technical experts.

Call for papers: Customers are encouraged to share their experiences and best practices with Dell EMC HPC systems by presenting at the meeting. We are especially interested in customer plans and experiences in the discussion areas below (Cloud, AI, and data-centric HPC), although we also welcome presentations related to best practices in the use of HPC systems, updates on new systems, new applications, or simply something you think other HPC sites may find interesting. If you would like to present, please send a proposed title and brief (30 to 50 word) abstract to Ed_Turkel@dellteam.com .

Tentative High Level Agenda:

Monday, March 19: registration and evening welcome / networking reception

Tuesday and Wednesday, March 20 and 21: Sessions and Breakouts

Sessions: (series of presentations on a single topic, followed by group discussion)

- Dell EMC updates, Customer and Sponsor keynotes and updates
- Cloud in HPC
- AI, Machine Learning and Deep Learning
- HPC Architectures for Data-centric HPC and High Performance Data Analytics
- Vendor Hot-Seat Panel

Breakouts: (discussion groups on more focused topics)

- Performance updates on latest HPC technologies/solutions
- Requirements for next generation HPC systems
- Technology deep dive on machine and deep learning
- Datacenter power and cooling technologies
- Requirements for large HPC systems, leading towards Exascale

Tuesday evening networking reception and dinner.

Thursday, March 22: (Optional)

- Hands-on training session for machine and deep learning
- Tours of TACC (see Stampede 2!) and the HPC and AI Innovation Lab
- 1x1 meetings with Dell EMC execs and technical staff

For more information, and the latest detailed agenda as it evolves, see the event website at https://www.dellhpc.org/march-2018.html.   Registration is now open at that site, including a link to reserve a discounted hotel room at the Westin.

If you are employed by a public agency or healthcare institution, please note that participation in this learning event will be provided at no cost to attendees. Attendees may opt to attend the dinner & networking reception. For the precise cost of this event, please contact Monika Gupta. By registering for this event you certify that to the best of your knowledge, you are not currently part of a bid evaluation team with respect to an opportunity to which Dell EMC is a party; and that: (1) you have verified with your ethics counsel your ability to accept these gifts or other things of value, or (2) you will make payment to the vendor for the items listed as required by law.