Agenda

• Sites updates

• Luiz DeRose 1 vs 30: Concerns on CrayPE

• Live demo on the PE build environment in a Docker container by Heidi Poxon (Cray)

• Application Performance Insights via System Monitoring by Ann Gentil (LANL)

• Elections
Sites Updates

• Status of CLE?

• Seminar issues with web-conferences.

• Outreach to other CUG sites.
CLE PrgEnv concerns

• Recent PGI released (18) are not supported by the PrgEnv
  – 18.4 available from PGI
  – 17.10 on Cray

• Why is CUDA tied to CLE UP release?
  – On Cray: CUDA 8.0, driver version 384.111
  – Available from NVIDIA: 9.1, 9.2 coming soon

• Cray-python is not build with Intel-MKL like on Urika XC

• Support of old compiler/MPI library with CLE 6?

• Tuesday Technical Session 9B 3-5pm: The Cray Programming Environment: Current Status and Future Directions Luiz de Rose
Presentations

• Live demo on the PE build environment in a Docker container by Heidi Poxon (Cray)

• Application Performance Insights via System Monitoring by Ann Gentil (LANL)
• 39 attendees from 17 different organizations
• Luiz DeRose 1 vs 30
  – Sites updates concerns on Cray-PE
    • Support on newer version of PGI 18 and CUDA 9.1
    • Difference of builds on native XC and Urika XC for Python and R
    • Support for old compiler and libraries.
• Live demo on the PE build environment in a Docker container by Heidi Poxon(Cray)
• Application Performance Insights via System Monitoring by Ann Gentile(LANL)
• Elections 2018-2020
  – Chair: Bilel Hadri (KAUST)
  – Deputy Chair: Ashley Barker (ORNL)
  – Deputy Chair: Greg Bauer (NCSA)
  – Deputy Chair: Zhengji Zhao (NERSC)
  – Deputy Chair: Guilherme Peretti-Pezzi (CSCS)