

# PEAD SIG CUG 2017

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PEAD SIG Chair



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# Agenda



- **Mailing list**
- **Survey, Live Feedbacks**
- **Update at CSCS by Jean-Guillaume Piccinali**
- **Preview on Luiz DeRose factors !**
- **Q&A with Cray Liaisons**

# Are you in the mailing list ?



- **Subscribe to the list**
  - [http://lists.cug.org/listinfo.cgi/pead\\_sig-cug.org](http://lists.cug.org/listinfo.cgi/pead_sig-cug.org)
  - Short link: [goo.gl/icnYbG](http://goo.gl/icnYbG)
  - Invite your colleagues to join the list !
- **Goal:**
  - Foster discussions,
  - sharing of knowledge, issues



# Live Survey



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# Update at CSCS by Jean-Guillaume Piccinali

# Early feedbacks from



- **Better PE package management w.r.t. what is a consistent release of default versions etc and be able to easily set a user environment to a given PE release.**
- **A Cray supported tool like XALT / Lariat would be nice.**
- **cdt module for example should be tight to a given compiler and not to the compiler per default**

# Overview by Luiz DeRose

**THANKS**



# Programming, Environment, Applications & Documentation (PEAD) SIG



- **PEAD-SIG Feedback**
  - Need to refresh mailing list, contact new CUG member site.
  - Need to create a wiki page
  - Agreed on webinar quarterly.
    - Next one in July with updates from Luiz DeRose ( need to get details to setup confcall and recording)
- **CSCS Site update by Jean-Guillaume Piccinali**
  - Overview on Easybuild, XALT usage and Reframe (a new regression framework)
- **Programming Environment preview update by Luiz DeRose**
  - New releases of cdt17.05 with the new support of Python and R, Shared new feature of module snapshot.
  - Community looking for support from Cray on Python, Boost, OpenMPI and OpenACC.
- **General Discussion:**
  - Cray need to provide detailed information about builds ( exact versions of libraries, compilers)
  - Documentation is not exhaustive and not maintained.
    - docs.cray .com will be decommissioned in December 30, 2017. Not maintained since November 2015. New portal: pubs.cray.com.