

Panel: Sustaining Research Software

Moderator: **Daniel S. Katz** (University of Illinois)

Panelists:

Sandra Gesing (University of Notre Dame), **Patrick Aerts** (Netherlands eScience Center, Data Archiving and Networked Services (DANS)),
Anshu Dubey (Argonne National Laboratory), **David E. Pearah** (HDF Group), **Neil P. Chue Hong** (Software Sustainability Institute, University of Edinburgh), **Henry J. Neeman** (University of Oklahoma)

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Research Associate Professor, CS, ECE, iSchool

Context

- Many research advances have been possible thanks to the use of research software
- Research software has become essential to advancing virtually every STEM discipline, and many non-STEM disciplines as well
- Much of it is made available under open source licenses, where work is needed to develop, support, and sustain it, as underlying systems and software as well as user needs evolve
- Some is commercial, which also has sustainability challenges

Goals

- Discuss challenges and solutions related to sustaining research software
- Collect examples of successes and failures from the audience that can and will be widely shared
- After the workshop, we (moderator and panelists) will write a report summarizing the workshop, including talks and poll results
 - NOTE – I am recording this session for this purpose only (and will delete recording after report is written)
- Report will be published as a pre-print on arXiv, and will be circulated using the panelists' organizations' communication channels, such as the SSI and BSSw website/blog, WSSSPE lists, etc.
- We will write an article/editorial about it in CiSE or CACM

Schedule

- 3:30 pm – Welcome and introduction (Dan)
- 3:35 pm – 5 minutes of experiences from each panelist
- 4:10 pm – Interactive polls and discussion
- 4:50 pm – Wrap-up
- 5:00 pm – End

Panelists



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