ECSS Tie-In

- I do a lot of ECSS myself
  - Two projects at moment
  - Many over the years

- Often the final technology-transfer, hand-off, portion near the project conclusion consists of these topics and issues

- If only there was an efficient and coherent way to get these users up to speed...

- Also, we send a lot of users to ECSS

- Or elsewhere in XSEDE (11,000 students add up)
Part of our secrete recipe...
HPC Monthly Workshop Philosophy

- Workshops as long as they *should* be.

- You have real lives…
  - in different time zones…
  - that don’t come to a halt.

- Learning is a social process
  - This is not a MOOC
  - This is the *Wide Area Classroom*
    so raise expectations
XSEDE HPC Monthly Workshop Schedule

- June 6-9, Summer Boot Camp
- August 15, HPC Monthly Workshop: OpenMP
- September 12-13, HPC Monthly Workshop: Big Data
- October 3-4, HPC Monthly Workshop: MPI
- November 7, HPC Monthly Workshop: OpenACC
- December 5-6, HPC Monthly Workshop: Big Data
- January 9, HPC Monthly Workshop: Big Data
- February 7-8, HPC Monthly Workshop: OpenMP
- March 6, HPC Monthly Workshop: Big Data
- April 3-4, HPC Monthly Workshop: Big Data
- May 1-2, HPC Monthly Workshop: OpenACC
- June 4-7, Summer Boot Camp
- August 7, HPC Monthly Workshop: Big Data
- September 5-6, HPC Monthly Workshop: Big Data
- October 2-3, HPC Monthly Workshop: MPI
- November 6, HPC Monthly Workshop: OpenACC
- December 4-5, HPC Monthly Workshop: Big Data

Next year calendar coming soon!
## Packed, hands-on agendas

<table>
<thead>
<tr>
<th>Times EST</th>
<th>MPI Day 1</th>
<th>MPI Day 2</th>
<th>Big Data Day 1</th>
<th>Big Data Day 2</th>
<th>OpenMP</th>
<th>OpenACC</th>
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<td>1100</td>
<td>Environment</td>
<td>Advanced MPI</td>
<td>Intro to BD</td>
<td>Machine Lrn. Exercises</td>
<td>Environment Multicore-Computing</td>
<td>Environment Accelerators</td>
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<td>MPI</td>
<td>Hadoop Intro to Spark</td>
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Reaching the HPC Community

Plus some international participants:

KAUST
Now CMU Portugal
Very Diverse Demographics

We will pass 11,000 students this month!
<table>
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<tr>
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<th>Big Data</th>
<th>OpenACC</th>
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<td>Respondants</td>
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<td>Male</td>
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<td>Female</td>
<td>109</td>
<td>20</td>
<td>15</td>
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<tr>
<td>Question J. I would recommend this workshop to others. (Out of 5)</td>
<td>4.31</td>
<td>4.49</td>
<td>4.43</td>
<td>4.31</td>
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<td>Question K. Overall, I would rate the experience as successful. (Out of 5)</td>
<td>4.19</td>
<td>4.38</td>
<td>4.33</td>
<td>4.26</td>
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Credit where credit is certainly due

- Tom Maiden
  - Master of logistics
    - Site recruitment
    - Registration
    - Accounts
    - System admin liaison
    - Other things I am forgetting...

- Steve Cunningham
  - AV negotiations
  - Network management and troubleshooting
  - Site testing and support
  - Video production

- John Urbanic
  - Content creation
  - Delivery

Plus a few more...
Increasingly Persistent Content

On-line talks

bit.ly/XSEDEWorkshop

Susan Mehringer
Lotsa hours!

The YouTube Channel Has Arrived!

Due to overwhelming demand, and a lot of editing, we have begun to post workshop videos on the XSEDE Monthly Workshop Training Channel:

XSEDETraining

They will be incrementally appearing in the coming months. Subscribe and give us feedback.
Badging

Test yourself on what you learn from this workshop and earn a digital badge!

Go to http://moodle.hpc-training.org and create an account.

Enroll yourself in the Big Data Badge Course

If you have any questions or feedback, please contact Jeff Sale at esale@ucsd.edu
Q & A
And suggestions!