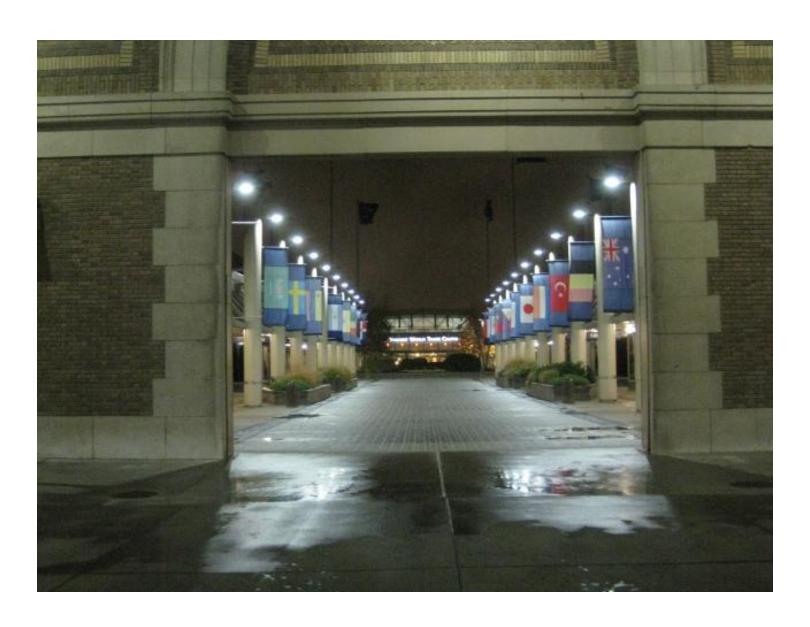


The Best Tie Award Goes To...

Yet Another ADASS Recap Heather Kelly Fermi Offline Software



**Boston World Trade Center** 



Attendees really do come from all over the world



#### **Key Topic: Visualization and Outreach**

Kimberly Arcand from Smithsonian Astrophysical Observatory
Discussed findings of study concerning how visual presentation of images affect comprehension for both non-experts and experts.

# 2008 Study

- Key Findings
  - Images with text were viewed as more attractive
  - Captions are critical to providing understanding
    - Experts prefer short and sweet
    - Non-experts prefer narrative style
  - Experts and Non-experts "see" images differently
    - Non-experts start with awe and focus on aesthetic qualities
    - Experts wonder how image was generated and what is being conveyed
  - Non-experts more likely (80%) to see red as "hot" compared to 60% of experts

















## More Info

- More details from 2008 study available in Journal of Science Communication: <a href="http://tiny.cc/t2mhx">http://tiny.cc/t2mhx</a>
- Current Study concerns non-expert perception of astronomical images. If you'd like to take part in the study:
  - http://chandra.si.edu/mobile/aa.html
- More Info: http://astroart.cfa.harvard.edu/

# COSPAR Capacity Building Programme

- Provides 2 week workshops in developing countries to promote use of space science data and tools.
- Recent workshop in Bangalore, India involved Fermi data and tools.
- Upcoming Brazil workshop is being arranged by participants from 2001 workshop.

### **Outreach Links**

- Volunteer Program using WWT as a teaching tool
  - http://www.cfa.harvard.edu/WWTAmbassadors
- Free Desktop Planetarium Software:
  - http://www.shatters.net/celestia/
- 3D+Time dataset viewer
  - http://virdir.ncsa.illinois.edu/partiview/#uses



This coffee break was made possible by NetApp...

http://www.netapp.com/us/

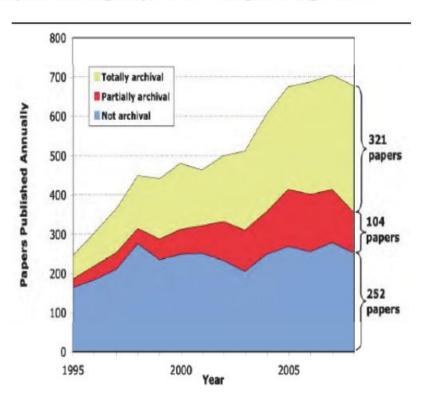
#### Rants

- FITs and what we can learn from Python
- What Observers Really Want
  - Objects Oriented Software & Multi-wavelength
  - Data is hard to find, using variety of non-compatible formats
    - Due to lack of forced collaboration
  - RTFM is not the solution
  - Suggestions
    - Overlay software that converts data into "standard" userchosen format, as well as uniform commands to do standard tasks such as print, make light curve



#### Archival Data Analysis is Rapidly Increasing in Importance

- Vast increase in archival researchbased mostly on space based data (ground archives are poorly/not developed in the US)
- However to combine Chandra/ Herschel/Spitzer data you need to become 'expert enough' in 3 data systems

















## Future of ADASS Proceedings

- Discussion of moving toward e-proceedings
- Currently, hardbound books are produced
- Shipped to all participants
- Concerns
  - Book production is time consuming and expensive
  - Books arrive about a year after the actual conference!
- http://adass2010.cfa.harvard.edu/ADASS2010/incl/presentations/O02\_5.pdf

# Why Not E-Proceedings?

- Concerns about preservation
- Loss of prestige
- Some distaste using e-readers
- "It isn't published if it isn't on paper"
- The current publisher tossed in some bones
  - Promised faster turn-around and e-access
- Hope for "solution" to curation problem



Despite the daytime weather, there were some spectacular sunsets.