

Digital Science Meeting Poster Commons



Each year,
US researchers
spend **4000**
person years
creating and
exhibiting
posters at
meetings



Four thousand years took the human species from Stonehenge to Burning Man

Science (and engineering) posters are a window into the state of knowledge and research at hundreds of universities and research laboratories. These posters are designed to highlight the latest achievements... years before these are published.



Often displayed for a few hours to several individuals, the posters are generally tossed away (as is their ephemeral fate). The equivalent of centuries of work dumped into landfills without a trace each year.

ESIP had a better idea: knowledge sharing



Beyond the scope of the Federation, the idea of an academy-wide digital poster commons captures the real value that science/engineering posters bring to the research endeavor. When combined with semantic and geographic services, posters become postcards that science teams send out to the entire academy... seeking for new ideas and potential new collaborations.

In the hallway of the Winter 2011 ESIP Federation Meeting, a conversation was started on the value of a digital poster service for the ESIP meetings: the initial added value was access—access across the whole Federation, and access across time. The notion of an ESIP Digital Poster Service was born. Within a month, this conversation was expanded to include the Alfred P. Sloan Foundation. Within 3 months the pilot effort was funded to be tested at the 2011 Summer ESIP meeting.

...posters become postcards that science teams send out to the entire academy...

The screenshot shows a digital poster for the Data Quality Screening Service (DQSS). It includes sections for 'Poster Testing Time' (Jul 12, 2011 - Jul 15, 2011), 'Abstract' (describing the service's purpose), 'Datasets' (Bitfield arrangement Cloud_Mask_SDS variable Hurricane Ike viewed by AIRS), and 'Keywords' (collaborative screening DQSS Ontology). The poster also features logos for the Alfred P. Sloan Foundation and DigitalOcean Poster Service Dev team.

If science only knew what science knows

The screenshot shows a Drupal-based website for the Digital Science Meeting Poster Commons. It features a sidebar with 'Meeting Attendees' (listing names like Bruce, admin, attendee1, Bruce2, etc.) and a main area with sections for 'Poster Testing Time' (July 12-15, 2011), 'Submission Deadline' (Thu, 06/30/2011 - 17:00), 'Poster Testing Time' (with a list of tasks like View Poster, Edit Poster, etc.), and 'Search posters' (with a search bar). There are also links to various meeting abstracts such as 'Evolving toward a C...', 'ECHO Interoperabil...', 'Uniform Data Manage...', 'User Registration f...', 'Scientist-Teacher-S...', 'Climate Literacy an...', 'THREDDS NSDL', 'Policy Committee- R...', and 'Merging the Data Mo...'. A logo for the Alfred P. Sloan Foundation is visible in the top left corner.

Here are some next steps:

- Test and improve the pilot version in Drupal for ongoing ESIP use.
- Develop partnerships with other Earth Science meeting organizers to add more meetings.
- Acquire support for a more robust digital meeting poster service that can accommodate a wide range of meeting requirements.
- Build the poster commons metadata requirements and APIs to the open-source poster service.

Digital Science Meeting Poster Commons



The screenshot shows the Digital Science Meeting Poster Commons website again. It includes a sidebar with 'Meeting Attendees' and a main area with sections for 'Poster Testing Time' (July 12-15, 2011), 'Submission Deadline' (Thu, 06/30/2011 - 17:00), 'Poster Testing Time' (with a list of tasks like View Poster, Edit Poster, etc.), and 'Search posters' (with a search bar). There are also links to various meeting abstracts. A logo for the Alfred P. Sloan Foundation is visible in the top left corner.

...posters can bring forefront information to scientists across the planet:
100K meetings and One Commons to serve them all!

bookmark the poster service website

