

# **Storage Architectures for Digital Preservation**

## **September 27-28, 2010**

### **Washington DC**

#### **Background Reading for Attendees**

**(These items are not intended as exhaustive or prescriptive; they are representative of material and projects that might be useful for context related to the meeting topics)**

#### **1. National Digital Information Infrastructure Preservation Program (NDIIPP)**

<http://www.digitalpreservation.gov/library/>

#### **2. Resilience**

##### **Resilience, adaptability and transformability in social–ecological systems**

Walker, B., C. S. Holling, S. R. Carpenter, and A. Kinzig. 2004. Resilience, adaptability and transformability in social–ecological systems. *Ecology and Society* 9(2): 5.

<http://www.ecologyandsociety.org/vol9/iss2/art5>

##### **High end Computing Resilience: Analysis of Issues Facing the HEC Community and Path-Forward for Research and Development.**

<http://www.csm.ornl.gov/~engelman/publications/debardeleben09high-end.pdf>

<http://institute.lanl.gov/hec-fsio/conferences/2010/presentations/day2/Lakshmi-HECFsIO-2010-FailurePanel.pdf>

<http://institute.lanl.gov/hec-fsio/conferences/2010/presentations/day2/Reddy-HECFsIO-2010-FailurePanel.pdf>

#### **3. Long-Term Preservation Planning and Issues**

##### **DataSpace: A Funding and Operational Model for Long-Term Preservation and Sharing of Research Data**

[http://dataspace.princeton.edu/jspui/bitstream/88435/dsp01w6634361k/1/DataSpaceFundingModel\\_20100827.pdf](http://dataspace.princeton.edu/jspui/bitstream/88435/dsp01w6634361k/1/DataSpaceFundingModel_20100827.pdf)

## **Data Preservation in High-Energy Physics**

<http://arxiv.org/ftp/arxiv/papers/0912/0912.0255.pdf>

## **Active Archives: A Way to Tame the Data Monster**

<http://www.hpcwire.com/features/Active-Archives-A-Way-to-Tame-the-Data-Monster-92366864.html?viewAll=y>

## **ABC News: Top 7 Tech Disasters of the Decade: Sidekick Data Loss Is Latest Technology Debacle**

<http://www.abcnews.go.com/Technology/AheadoftheCurve/top-technology-disasters-decade-lost-data-computer-hacks/story?id=8812366#>

## **Ensuring Long-Term Preservation and Adding Value to Scientific and Technical Data – Conference at European Space Astronomy Centre (ESAC)**

<http://www.sciops.esa.int/SYS/CONFERENCE/include/pv2009/html/PV2009ProgrammeHTML.html>

<http://institute.lanl.gov/hec-fsio/conferences/2010/presentations/day2/Butler-HECFsIO-2010-SecureProvenance.pdf>

### **4. High-Performance Low-Power Computing Architectures**

<http://www.sigops.org/sosp/sosp09/papers/andersen-sosp09.pdf>

<http://blog.dshr.org/2010/09/how-green-is-digital-preservation.html>

### **5. General Digital Preservation Resources List**

(a collection of references from the Legal Information Preservation Alliance)

<http://www.aallnet.org/committee/lipa/digitalpres.asp>