

The 4th IEEE International Conference on e-Science was held at Indiana University–Purdue University Indianapolis (IUPUI) in Indianapolis, Indiana, USA from 7th to 12th December 2008. As part of the conference, DARIAH partners were involved in two workshops: “e-Humanities - An Emerging Discipline” and “Adding Value to Data - Digital Repositories in the e-Science World”.

The main objective of both workshops was to emphasize the current need for global repositories of digital data and their accessibility for academic and other researchers. In order to provide an integrated network in which all humanities data can be deposited and accessed in unified manner, digital data should be stored in a large grid-based infrastructure with an intuitive interface for easy data handling. In addition, computational grids offer applications in digital preservation and publication, such as automatic metadata extraction and index creation.

Data grid infrastructures serve research by gathering and preserving data from disparate institutions. In order to enable interoperability of the digitalized data, considerable efforts are required to develop standards for all levels (e.g., character encoding; semantics of meta-data; access rights, to name a few). Grid infrastructures will realize their full benefit to researchers only if obstacles to interoperability are fully surmounted.

For more information on DARIAH's participation in the conference workshops, see the links below. Audio and video recordings of the workshops are available.

- <http://escience2008.iu.edu/workshops/ehumanities/>
- <http://escience2008.iu.edu/workshops/digital/index.shtml>