International Journal on Digital Libraries

Call for Papers

Special Issue on Web Archiving

Web archiving will soon celebrate its 20th birthday. The community as a whole has collected large amounts of web content, providing a fertile ground for researchers to explore. Both the scope and techniques of web archiving are also fast expanding. Collaborative crawling, focused crawling, proactive crawling, and going beyond crawling are only a few approaches that the community is exploring. While growing and aggregating existing web archives, this international community is also improving archive usability, and incubating new user groups and new ideas. Thus, the community working on web archives includes social scientists, archivists, librarians, big data / information scientists, (web) technologists, and many others.

Links to related organizations/meetings include:
- International Internet Preservation Consortium (IIPC: http://www.netpreserve.org/)
- International Web Archiving Workshop (IWAW: http://www.iwaw.net/)
- Internet Archive (Archive-It: https://www.archive-it.org/)
- Working with Internet Archives for Research, 2014 (http://wp.comminfo.rutgers.edu/nsfia/)

This special issue will solicit high quality research papers (or review articles) in all aspects of web archiving, including but not limited to:

- Archiving for varied purposes and covering many content types
- Big data collection and processing
- Classification, category systems / ontologies, and related machine learning
- Community building, and collaboration across disciplines
- Crawling approaches and alternatives
- Curation, quality control
- Databases, collections, content characterization
- Discovery, exploration, browsing, searching
- Extraction & analysis of text and multimedia content, natural language processing
- Filling gaps, bridging time and space
- Globalization, languages
- Social sciences and humanities applications
- Linking archives, integrated solutions, de-duplication
- Metadata schema, specifications, applications, provenance
- Mobile devices, alternative versions and formats
- Network science, graph representations, complex queries and processing
- Preservation, long-term concerns, economic considerations
- Resource description, RDF, source characterization, website/webpage connections
- Standards, protocols, conversion, migration
- Systems, tools, toolkits, performance and efficiency studies
- Tweet connections, integrated tweet/webpage collections
Important Dates
Paper Submission deadline: March 1st, 2016
First notification: June 6, 2016
Revision submission: July 25, 2016
Second notification: Sept. 26, 2016
Final version submission: Oct. 31, 2016

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Paper Submission
Papers submitted to this special issue for possible publication must be original and must not be under consideration for publication in any other journal or conference. Previously published or accepted conference papers must contain at least 30% new material to be considered for the special issue.

All papers are to be submitted by referring to http://www.springer.com/799. At the beginning of the submission process, under “Article Type”, please select the appropriate special issue. All manuscripts must be prepared according to the journal publication guidelines which can also be found on the website provided above. Papers will be reviewed following the journal standard review process.

Please address inquiries to fox@vt.edu.