

4th Annual Family History Technology Workshop

Call for Papers

SCOPE OF THE WORKSHOP

This workshop provides a forum for presenting and discussing current and emerging research work on technology that supports family history and genealogy. Results should address technology problems whose solutions have the potential to improve family-history and genealogical research work. The format of the conference will include a keynote speaker, panel discussions and technical presentations.

WHO SHOULD ATTEND

We invite all who enjoy presenting and learning about emerging technological research, as it applies to genealogy. We especially invite those who do research and publish in the areas of informatics and computer science.

Topics of Interest

The workshop focuses on research issues in technology that support family history and genealogy. We solicit submission of original research, as well as experience papers that address these themes. Topics of interest include, but are not limited to:

Digitized Images of Historical Data

•Digital Photography •Scanning Technology •Image Enhancement •Record Construction •Element Classification •Segmentation •Handwritten Extraction from Forms •Handwriting Recognition •OCR for Old Type-Set Text

Digital Historical Data Sources

•Extraction for Semi-structured and Unstructured Sources •Mappings between Heterogeneous Structured Views •XML for Historical Data •Reorganizing and Updating Legacy Data

Information Integration

•Definition of Ontological Expectations •Value Normalization •Integrating Legacy Data •User-Friendly Meta-Model Editing •Object Identity •Merging Extracted Data •Managing Uncertainty •Peer-to-Peer Information Sharing

Human Interfaces/Delivery Systems

•Indexing Original Source Information •Storage of Large Volumes of Data •Human-Computer Interfaces •Workflow for Directing Patron Efforts •Notification Systems •Distributed Storage •Just-in-Time Browsing •Visualization

Expert and Intelligent Systems

•Speech/Interfaces •Machine Learning •Automated Guidance •Pattern Matching •Data Clustering

How to Submit:

Authors should submit extended abstracts to the workshop website at www.fht.byu.edu. More detailed information is also available at the workshop website. If you need assistance, contact the workshop Webmaster at csgrad@cs.byu.edu.

Important Dates

Extended abstracts due:

February 16, 2004

Notification of Acceptance:

February 26, 2004

Registration Begins:

February 27, 2004

Revised Extended abstracts:

March 4, 2004

Workshop:

March 25, 2004

Committee Assignments

General Chair:

Cory Barker (BYU Computer Science Department)

Program Committee:

Kirk Duffin, Committee Chair

(Northern Illinois University)

Laryn Brown (MyFamily.com)

Alan Mann (Family History Library)

Daren Thayne (MyFamily.com)

Doran Wilde (BYU ECEn Dept)

William Forsyth (HeritageQuest)

Panel Session Chair:

Jake Gehring (Heritage Quest)

Webmaster:

Tom Bowcut

Local Arrangements:

Kendra Hernández

Steering Committee:

William A Barrett (BYU Computer Science Department)

David W Embley (BYU Computer Science Department)

Dallan Quass (LDS Church— Family History Department)

Tom Sederberg (BYU Computer Science Department)

Scott N Woodfield (BYU Computer Science Department)