Technical Program DocEng 2002

Day 1: Friday Nov. 8th

Session 1: Keynote

Engineering Broad-Spectrum Document Software: Lessons from Ghostscript
L. Peter Deutsch, Aladdin Enterprises, USA

Session 2: Managing Multimedia in Documents

A Presentation Language for Controlling the Formatting Process in Multimedia Presentations
Frédéric Bes, INRIA, France
Cécile Roisin, UPMF-University of Grenoble and INRIA, France

Applying caT's Programmable Browsing Semantics to Specify World-Wide Web Documents that Reflect Place, Time, Reader, and Community
Richard Furuta, Texas A&M University, USA
Jin-Cheon Na, Texas A&M University, USA

Multimedia Document Engineering in MCF
Peter King, University of Manitoba; Winnipeg; Canada
Jocelyne Nanard, LIRMM; Montpellier; France
Marc Nanard, LIRMM; Montpellier; France

Session 3: Software and Document Engineering

The Relevance of Software: A Survey
Andrew Forward, University of Ottawa; Canada
Timothy Lethbridge, University of Ottawa; Canada

Supporting Document and Data Views of Source Code
Michael Collard, Kent State University, USA
Jonathan Maletic, Kent State University, USA
Andrian Marcus, Kent State University, USA

Document Engineering for E-business
Robert Glushko, University of California, Berkeley, USA
Tim McGrath, University of Notre Dame, Australia

Session 4: Linking Documents

XConnector: Extending XLink to Provide Multimedia Synchronization
Débora Muchaluat-Saade, PUC-Rio, Brazil
Rogério Rodrigues, PUC-Rio, Brazil
Luiz Fernando Soares, PUC-Rio, Brazil

XLinkProxy: external linkbases with XLink
Paolo Ciancarini, University of Bologna, Italy
Federico Folli, University of Bologna, Italy
Davide Rossi, University of Bologna, Italy
Fabio Vitali, University of Bologna, Italy

An open linking service supporting the authoring of web documents
Renato Bulcao Neto, Universidade de Sao Paulo, Brazil
Claudia Izeki, Universidade de Sao Paulo, Brazil
Maria Pimentel, Universidade de Sao Paulo, Brazil
Renata Fortes, Universidade de Sao Paulo, Brazil
Khai Truong, Georgia Institute of Technology, USA

Day 2: Sat. Nov. 9th

Session 5: XML Manipulations

Managing and Querying Multi-Version XML Data with Update Logging
Raymond Wong, University of New South Wales, Australia
Nicole Lam, University of New South Wales, Australia

Experimenting with the Circus language for XML modeling and transformation
Jean-Yves Vion-Dury, Xerox Research Centre Europe, France
Veronika Lux, Xerox Research Centre Europe, France
Emmanuel Pietriga, Xerox Research Centre Europe, France

Lazy XML Processing
Markus L. Noga, Universität Karlsruhe, Germany
Steffen Schott, Universität Karlsruhe, Germany
Welf Löwe, Växjö Universitet, Sweden

Session 6: Structure and Transformations of Documents

Mapping and displaying structural transformations between XML and PDF
Matthew Hardy, University of Nottingham, UK
David Brailsford, University of Nottingham, UK

Towards Automating of Document Structure Transformations
Eila Kuikka, University of Kuopio, Finland
Paula Leinonen, University of Kuopio, Finland
Martti Penttonen, University of Kuopio, Finland

Document-wise Feature Selection in Hierarchical Categorisation
Wahyu C. Wibowo, RMIT University, Australia
Hugh E. Williams, RMIT University, Australia

Session 7: Document Reuse and Semantics

Towards a Semantics for XML Markup

Allen Renear, University of Illinois at Urbana-Champaign, USA
David Dubin, University of Illinois at Urbana-Champaign, USA
C. M. Sperberg-McQueen, World Wide Web Consortium/MIT Laboratory for Computer Science, USA
Claus Huitfeldt, University of Bergen, Norway

A Dynamic User Interface for Document Assembly

Miro Lehtonen, University of Helsinki, Finland
Renaud Petit, University of Helsinki, Finland
Oskari Heinonen, University of Helsinki, Finland
Greger Lindén, University of Helsinki, Finland

Generation of Images of Historical Documents by Composition

Carlos Mello, Universidade de Pernambuco, Brazil
Rafael Lins, Universidade Federal de Pernambuco, Brazil

Session 8: Document Analysis and Reconstruction

Degraded Character Image Restoration Using Active Contours: A First Approach

Benedicte Allier, Laboratoire RFV, France
Hubert Emptoz, Laboratoire RFV, France

Recognizing Records from the Extracted Cells of Microfilm Tables

Kenneth Tubbs, Brigham Young University, USA
David Embley, Brigham Young University, USA

Recognition of Seamless Bilingual Printed Text

K. G. Aparna, Indian Institute of Science, India
D. Dhanya, Indian Institute of Science, India
A. G. Ramakrishnan, Indian Institute of Science, India