

# Final Program for ACM Hypertext '99

## Sunday 21 Feb. 1999

From 08:00	<b>Registration</b> (room: Foyer of GMD-IPSI Building)
09:00 – 17:00	<b>Workshops</b> Workshop 1: The Messenger Morphs the Media: Third Hypertext Writers Workshop Workshop 2: Fifth Workshop on Open Hypermedia Systems Workshop 4: Second Workshop on Hypermedia Development - Design Patterns <b>Doctoral Consortium</b> (GMD-IPSI, rooms: see signs in the foyer)

## Monday 22 Feb. 1999

08:00 – 15:00	<b>Registration</b> (room: Foyer of GMD-IPSI Building)	
09:00 - 12:00	<b>Tutorials</b> 1) XML: A Technical and Strategical Overview 2) The Web as a Collaborative, Writeable Medium: An Introduction to the IETF WebDAV Standard 3) Web Site Information Architecture: Planning and Designing Information Collections on the Web 4) Hypermedia and Web Development Methods 5) Authoring Hypermedia: It Takes Time! 6) Filling Up On Java  (GMD-IPSI, rooms: see signs in the foyer)	<b>Workshops</b>  Workshop 3: First Workshop on Structural Computing  (GMD-IPSI, rooms: see signs in the foyer)
12:00 - 14:00	Lunch break	
14:00 - 17:00	<b>Tutorials</b> 7) Supporting Advanced Hypertext Functionality with XLink 8) The Synchronized Multimedia Integration Language (SMIL) 9) Mapping Web Sites: Planning Diagrams to Site Maps 10) Usability Evaluation of Hypermedia (WWW and CD-ROMs) 11) Extending Information Systems with Hypertext (on and off the Web)  (GMD-IPSI, rooms: see signs in the foyer)	
16:00 – 19:00	<b>Registration</b> (Darmstadt University of Technology, room: Foyer of Audimax Building)	
18:30 - 19:30	<b>Workshop Summary</b> (Darmstadt University of Technology, room: 47/50 in the Audimax building)	
19:00 - 21:00	<b>Welcome Reception</b> co-sponsored by John Wiley & Sons and book launch: Hypermedia & the Web by David Lowe & Wendy Hall.	

	(room: Foyer of Audimax Building)	
From 08:00	Registration (room: Foyer of Audimax Building)	
09:00 - 10:30	<b>Session 1: Opening Keynote</b> (room: 47/50)  "Where are the Hypertexts?" <i>Mark Bernstein, Eastgate Systems, USA</i>	
10:30 - 11:00	Coffee break	
11:00 - 12:30	<b>Session 2A: Discovering and Generating Structure</b> (room: 47/50)  Session chair: Elli Mylonas  Full papers  Semiautomatic Generation of Glossary Links: A Practical Solution <i>Hermann Kaindl, Stefan Kramer, Siemens, Wien, Austria</i> <i>Papa Samba Niang Diallo, Wien, Austria</i>  Finding Context Paths in Web <i>Yoshiaki Mizuuchi, Keishi Tajima Kobe University, Japan</i>  Short papers  Dynamic Hyperlink Generation for Navigation in Relational Databases <i>Karl M. Göschka, Jürgen Falb, Vienna University of Technology, Austria</i>  Aspects of Text Semantics in Hypertext <i>Alexander Mehler, University of Trier, Germany</i>	<b>Session 2B: Open Hypermedia Systems and CSCW</b> (room: 11/226)  Session chair: Kaj Grønbaek  Full papers  Scalability in Open Hypermedia Systems <i>Kenneth M. Anderson University of Colorado, Boulder, USA</i>  Team-and-Role-Based Organizational Context and Access Control for Cooperative Hypermedia Environments <i>Weigang Wang GMD-IPSI, Darmstadt, Germany</i>  Short papers  The Callimachus Approach to Distributed Hypermedia <i>Manolis Tzagarakis, M. Vaitis, A. Papadopoulus, D. Christodoulakis, University of Patras, Greece</i>  CAOS: A Collaborative and Open Spatial Structure Service Component with Incremental Spatial Parsing <i>Olav Reinert, Dirk Bucka-Lassen, Claus A. Pedersen, Peter J. Nürnberg, Aarhus University, Denmark</i>
12:30 - 14:00	Lunch break	
14:00 - 15:30	<b>Session 3A: Panel</b> (room: 47/50)  Writers and Designers: Crossing the Chasm  Moderators:	<b>Session 3B: Navigation and Visualization I</b> (room: 11/226)  Session chair: Frank Shipman  Full papers  Trailblazing the Literature of Hypertext:

	<p><i>David B. Lowe, University of Technology, Sydney, Australia</i>  <i>Deena Larsen, Hypertext Writer, USA</i></p> <p>Panelists:</p> <p><i>Mark Bernstein, Eastgate Systems, USA</i>  <i>Wendy Hall, University of Southampton, UK</i>  <i>Paolo Paolini, Politecnico di Milano, Italy</i>  <i>Susana Pajares Tosca, Complutense University, Madrid, Spain,</i>  <i>Lawrence J. Clark, Texas A&amp;M University, USA</i></p>	<p>Author Co-Citation Analysis (1989-1998)  <i>Chaomei Chen, Brunel University, UK</i>  <i>Les Carr, University of Southampton, UK</i></p> <p>Visualizing and Assessing Navigation in Hypertext  <i>John E. McEneaney, Indiana University South Bend, USA</i></p> <p>Short papers</p> <p>Hypertext-like Structures through a SOM Network  <i>Riccardo Rizzo, M. Allegra, G. Fulantelli, CNR - ITDF, Palermo, Italy</i></p> <p>A computational hypermedia for the Sergisai project  <i>Paola Carrara, Davide Musella, Gaetano Zonno, CNR - ITIM, Milan, Italy</i></p>
<p>15:30 - 16:00</p>	<p>Coffee break</p>	
<p>16:00 - 17:00</p>	<p><b>Session 4: Posters and Demos</b></p>	
<p>17:00 - 18:00</p>	<p>(room: Foyer of Audimax Building)</p> <p>See page 8 &amp; 9 for details</p>	<p><b>Hypertext Readings</b>          (room: 47/10)</p> <p><i>Wendy Morgan, Larry Clark, Jim Rosenberg, Heiko Idensen, Nick Traenkner, and Deena Larsen</i></p> <p>See page 8</p>

<p>09:00 - 10:30</p>	<p style="text-align: center;"><b>Session 5: Award Papers</b> (room: 47/50)</p> <p style="text-align: center;">Session chair: Peter Nürnberg</p> <p style="text-align: center;"><b>4<sup>th</sup> Engelbart Best Paper Award paper presentation</b></p> <p style="text-align: center;">Beyond Location: Hypertext Workspaces and Non-Linear Views <i>Frank M. Shipman, III</i> <i>Texas A&amp;M University, USA</i> <i>Catherine C. Marshall</i> <i>Xerox Palo Alto Research Center, USA</i> <i>Mark LeMere</i> <i>Guidant Corporation, USA</i></p> <p style="text-align: center;"><b>1<sup>st</sup> Nelson Newcomer Award paper presentation</b></p> <p style="text-align: center;">Piecing together and tearing apart: finding the story in afternoon <i>Jill Walker</i> <i>University of Bergen, Norway</i></p>	
<p>10:30 - 11:00</p>	<p style="text-align: center;">Coffee break</p>	
<p>11:00 - 12:30</p>	<p><b>Session 6A: Panel</b> (room: 47/50)</p> <p>Adaptive Hypermedia</p> <p>Moderator:</p> <p><i>Paul De Bra, Eindhoven University of Technology, The Netherlands</i></p> <p>Panelists:</p> <p><i>Peter Brusilovsky, Carnegie Mellon University, USA</i> <i>Wendy Hall, University of Southampton, UK</i> <i>Alfred Kobsa, GMD, Sankt Augustin, Germany</i></p>	<p><b>Session 6B: World Wide Web and Open Hypermedia Systems</b> (room: 11/226)</p> <p>Session chair: Hugh Davis</p> <p>Full papers</p> <p>Control Choices and Network Effects in Hypertext Systems <i>E. James Whitehead, Jr.</i> <i>University of California, Irvine, USA</i></p> <p>What was the question? Reconciling open hypermedia and World Wide Web Research <i>Peter J. Nürnberg</i> <i>Aarhus University, Denmark</i> <i>Helen Ashman</i> <i>University of Nottingham, UK</i></p> <p>Strategies for Web Augmentation <i>Niels Olof Bouvin</i> <i>Aarhus University, Denmark</i></p>
<p>12:30 - 14:00</p>	<p style="text-align: center;">Lunch break</p> <p style="text-align: center;">And</p> <p style="text-align: center;">SIGWEB Business Meeting (room: 47/50)</p>	

14:00 - 15:30	<p><b>Session 7A: Technical Briefings</b> (room: 47/50)</p> <p>Session chair: Lynda Hardman</p> <p>Interoperability between Hypermedia Systems: The Standardisation Work of the OHSWG <i>Sigi Reich, Kaj Grønbaek, Peter Nürnberg for the OHS Working Group</i></p> <p>The Application of a Hypermedia Research System in Industry <i>Ian Heath, Wendy Hall, Richard Crowder, Gary Wills</i> <i>University of Southampton, UK</i></p>	<p><b>Session 7B: Hyperreading</b> (room: 11/226)</p> <p>Session chair: Jim Rosenberg</p> <p>Full papers</p> <p>Electronic Tools for Dismantling the Master's House: Poststructuralist Feminist Research and Hypertext Poetics <i>Wendy Morgan</i> <i>Queensland University of Technology, Australia</i></p> <p>"Lector in rebus": The Role of the Reader and the Characteristics of Hyperreading <i>Licia Calvi</i> <i>Trinity College, Dublin, Ireland</i></p> <p>Short papers</p> <p>Towards the Introduction of a New Textual Category for Digital Fiction <i>Anja Rau</i> <i>Johannes Gutenberg University, Mainz, Germany</i></p> <p>The lyrical quality of links <i>Susana Pajares Tosca</i> <i>Complutense University, Madrid, Spain</i></p>
15:30 - 16:00	Coffee break	

<p>16:00 - 17:30</p>	<p><b>Session 8A: Navigation and Visualization</b> (room: 47/50)</p> <p>Session chair: Mark Bernstein</p> <p>Short papers</p> <p>Navigation Scheme for Interactive Movies with Linear Narrative <i>Guy Vardi</i> <i>The Interdisciplinary Center, Herzelia, Israel</i></p> <p>No Longer Lost in WWW-based Hyperspaces Reinhard Kreutz, Birgitte Euler, Klaus Spitzer <i>Technical University, Aachen, Germany</i></p> <p>Structure Analysis for Hypertext with Conditional Linkage <i>Jean-Hugues Réty</i> <i>CWI, Amsterdam, The Netherlands</i></p> <p>Visualization of Relationships <i>Vijay Kumar, Richard Furuta</i> <i>Texas A&amp;M University, USA</i></p> <p>Hypermedia Potentials for Analysis Support Tools <i>Douglas S. Lange</i> <i>Space and Naval Warfare Systems Center, San Diego, USA</i></p> <p>Dynamically Generated Tables of Contents as Guided Tours in Adaptive Hypermedia Systems <i>Cornelia Seeberg, Achim Steinacker, Klaus Reichenberger, Stephan Fischer, Ralf Steinmetz</i> <i>Darmstadt University of Technology, Germany</i></p>	<p><b>Session 8B: Models, Development and Assessment</b> (room: 11/226)</p> <p>Session chair: David Hicks</p> <p>Full papers</p> <p>Improving Hypermedia Development: A Reference Model-Based Process Assessment Method <i>David B. Lowe, Andrew J. Bucknell</i> <i>University of Technology, Sydney, Australia</i> <i>Richard G. Webby</i> <i>University of New South Wales, Sydney, Australia</i></p> <p>AHAM: A Dexter-based Reference Model for Adaptive Hypermedia <i>Paul De Bra, Geert-Jan Houben, Hongjing Wu</i> <i>Eindhoven University of Technology, The Netherlands</i></p> <p>Abstract Tasks: a Tool for the Inspection of WEB Sites and Off-line Hypermedia <i>Franca Garzotto, Maristella Matera, Paolo Paolini</i> <i>Politecnico di Milano, Italy</i></p>
<p>19:00 – 22:00</p>	<p style="text-align: center;">Award presentation ceremony (room: 47/50)</p> <p style="text-align: center;">and</p> <p style="text-align: center;">Conference reception (room: Foyer of Audimax Building)</p>	

<p>09:00 – 10:30</p>	<p><b>Session 9A: Panel</b> (room: 47/50)</p> <p>Heresies and Reformations: Hypertext Writing Outside the Lines.</p> <p>Moderator: <i>Jim Rosenberg, USA</i></p> <p>Panelists: <i>David Durand (Boston University, USA)</i> <i>John McDaid (New York University, USA)</i> <i>Peter Nürnberg (Aarhus University, Denmark)</i> <i>Frank Ricardo (Harvard University, USA)</i> <i>Susana Pajares Tosca (Complutense University, Spain)</i></p>	<p><b>Session 9B: Multimedia</b> (room: 11/226)</p> <p>Session chair: Ken Anderson</p> <p>Full papers</p> <p>Audiovisual-based hypermedia authoring: using structured representations for the efficient manipulation of AV documents <i>Gwendal Auffret, Jean Carrive, Olivier Chevet, Thomas Dechilly, Rémi Ronfard, Bruno Bachimont</i> <i>Institut National de l'Audiovisuel (INA), France</i></p> <p>Mix'n'Match: Exchangeable Modules of Hypermedia Style <i>Lloyd Rutledge, Lynda Hardman, Jacco van Ossenbruggen, Dick C. A. Bulterman</i> <i>CWI, Amsterdam, The Netherlands</i></p> <p>Do You Have the Time? Composition and Linking in Time-based Hypermedia <i>Lynda Hardman, Jacco van Ossenbruggen, K. Sjoerd Mullender, Lloyd Rutledge, Dick C. A. Bulterman</i> <i>CWI, Amsterdam, The Netherlands</i></p>
<p>10:30 – 11:00</p>	<p>Coffee break</p>	
<p>11:00 - 12:30</p>	<p><b>Session 10: Closing keynote</b> (room: 47/50)</p> <p>"The Sorcerer's Apprentice" <i>Robert Cailliau, CERN, Switzerland</i></p>	

**Please notice that:**

Full paper presentations are scheduled to run for 30 minutes.

Short paper presentations are scheduled to run for 15 minutes.

Award winning papers are scheduled to run for 45 minutes.

Technical briefings are scheduled to run for 45 minutes.

Panels are scheduled to run for 90 minutes.

## **Hypertext Readings**

(room: 47/10)

Hypertext '99 will present a reading room and hypertext readings to showcase the depth and breadth of hypertext content. Participants will have a chance to view and experiment with various hypertext content and interfaces, and hear hypertext writers read from their works.

The reading room will be open throughout the conference.

## **Posters**

(room: Foyer of Audimax Building)

P1) Title: "Navigation and Orientation tools for WWW-based Hypertexts"  
Proposers: Kreutz, Reinhard; Euler, Brigitte; and Spitzer, Klaus.  
Contact Person: Reinhard Kreutz - kreutz@imib.rwth-aachen.de

P2) Title: "Web Information Systems Engineering"  
Presenters: Oinas-Kukkonen, Harri; Kaasila, Jouko; and Sivunen, Sami.  
Contact Person: Harri Oinas-Kukkonen - Harri.Oinas-Kukkonen@oulu.fi

P3) Title: "HyperDisc - A hypermedia-information system for supporting advanced studying"  
Presenter: Tergan, Sigmar-Olaf.  
Contact Person: Sigmar-Olaf Tergan - sigmar-olaf.tergan@uni-tuebingen.de

P4) Title: "Transparent Collection of Flemish Polyphony (TCFP) - a new model for future multimedia archive"  
Presenters: Reichhart, Witold and Lindsay, Adam.  
Contact Person: Witold Reichhart - witold@starlab.net

P5) Title: "Separation of functional and knowledge based content in Hypermedia Education: Research in Progress"  
Presenters: Hilmer, Guenter; Elliot, Geoff; and Tudhope, Doug.  
Contact Person: Guenter Hilmer - ghilmer@glam.ac.uk

P6) Title: "The Value of the Link"  
Presenter: Larsen, Deena.  
Contact Person: Deena Larsen - textra@chisp.net

P7) Title: "The Challenges of Hypermedia Ethnography"  
Presenters: Mason, Bruce and Dicks, Bella.  
Contact Person: Bruce Mason - Masonb@cardiff.ac.uk

P8) Title: "Displaying Metadata Information"  
Presenters: Dhimi, Jay and Bieber, Michael.  
Contact Person: Michael Bieber - beiber@cis.jnit.edu

P9) Title: "Evolving the Web for Scientific Knowledge: Using Metadata to Express Scholarly Discourse"  
Presenter: Shum, Simon B.  
Contact Person: Shum, Simon B. - S.Buckingham.Shum@open.ac.uk

## Demos

(room: Foyer of Audimax Building)

D1) Title: "CAOS: A Collaborative and Open Spatial Hypermedia System with Incremental Spatial Parsing"  
Presenters: Reinert, Olav; Bucka-Lassen, Dirk; and Pedersen, Claus.  
Contact Person: Olav Reinert - oreinert@daimi.au.dk

D2) Title: "GRiNS: A GRaphical INTERface for Creating and Playing SMIL Documents"  
Presenters: Rutledge, Lloyd and Hardman, Lynda.  
Contact Person: Lloyd Rutledge - lloyd@cwi.nl

D3) Title: "Claviar - Integrating classical and open hypertext technologies to support safety documentation"  
Presenter: Emmet, Luke.  
Contact Person: Luke Emmet - loe@adelard.co.uk

D4) Title: "The DHymE Dynamic Hypermedia Engine"  
Presenter: Bieber, Michael.  
Contact Person: Michael Bieber - bieber@cis.njit.edu.

D5) Title: "SWEB - A Structured Web View"  
Presenters: Furtado, P.; Nelas, J.; and Madeira, H.  
Contact Person: Pedro Furtado - pnf@dei.uc.pt

D6) Title: "MAVIS 2: An Architecture for Content and Concept Based Multimedia Information Exploration"  
Presenters: Dobie, Mark; Tansley, Robert; Weal, Mark; Joyce, Dan; Lewis, Paul; and Hall, Wendy.  
Contact Person: Mark Dobie - mrd@ecs.soton.ac.uk

D7) Title: "Tool-using, co-operating nav monkeys"  
Presenters: Millard, David; Nürnberg, Peter; and Reich, Sigi.  
Contact Person: Peter Nürnberg - pnuern@daimi.au.dk

D8) Title: "3D Adaptation: Combining Methods in Adaptive Hypermedia"  
Presenters: Hothi, Jatinder and Hall, Wendy.  
Contact Person: jh95r@ecs.soton.ac.uk

D9) Title: "Visual Link Preview for Link Traversal on the WWW"  
Presenter: Kopetzky, Theodorich.  
Contact Person: Theodorich Kopetzky - theo@tk.uni-linz.ac.at

D10) Title: "Industry Political Factors in Hypermedia Design for Augmenting Human Intellect"  
Presenter: Goppold, Andreas  
Contact Person: Goppold, Andreas - goppold@faw.uni-ulm.de

D11) Title: "The Digital Document Discourse Environment (D3E)"  
Presenters: Shum, Simon Buckingham, Sumner, Tamara, and Wright, Mike.  
Contact Person: Shum, Simon Buckingham - sbs@acm.org

D12) Title: "Navigation and Orientation Tools for WWW-Based Hypertexts"  
Presenter: Kreutz, Reinhard  
Contact Person: Kreutz, Reinhard - [kreutz@imib.rwth-aachen.de](mailto:kreutz@imib.rwth-aachen.de)