

HASTAC III: Traversing Digital Boundaries
Conference Agenda
April 19-21, 2009

Continuous Installations

Guy Garnett, University of Illinois at Urbana-Champaign "the Logoverse"
John Toenjes, University of Illinois at Urbana-Champaign Leonardo's Chimes interactive environment
Sharon Daniel, University of California at Santa Cruz New Media Documentary: Technology for Social Inclusion
JJ Higgins, University of Kansas Untitled Voyeurism Installation with Tent
HASTAC Scholar-Blogger: Megan Osfar, University of Illinois at Urbana-Champaign

Sunday April 19th

4:00-11:25 PM

IMCFest 2009 Urbana Champaign Independent Media Center, 202 South Broadway, #100, Urbana, IL 61801

4:30 PM

Shuttle to IMC Fest from Hampton Inn

6:45 PM

Vox Pop Event at IMC Fest 2009

Joshua McVeigh-Schultz, University of California at Santa Cruz "Synaptic Crowd: Vox Pop Experiments"

Urbana Champaign Independent Media Center, 202 South Broadway, # 100, Urbana, IL 61801

7:30-9:30 PM

HASTAC Welcome Reception

Crane Alley, 115 West Main Street, Urbana.

Monday April 20th

Registration takes place in Room 1005 Beckman Building

7:30 AM 1005 Beckman Building

Continental Breakfast (provided)

8:30-8:45 PM 1025 Beckman Building

Conference Welcome

Kevin Franklin, Institute for Computing in Humanities, Arts, and Social Science

Danny Powell, National Center for Supercomputing Applications

Ravi Iyer, University of Illinois

8:45-10 AM **1025 Beckman Building**

Innovations in Participatory Learning, Social Change, and Digital Democracy: The HASTAC/MacArthur Foundation Digital Media and Learning Competition.

Craig Wacker, Program Officer, John D. and Catherine T. MacArthur Foundation

Tim Lenoir, Virtual Peace

Suzanne Seggerman, Games 4 Change

Jan Reiff, Hypercities

Ed Bender, Follow the Money

Session Chairs and Moderators: Cathy Davidson, Duke University

HASTAC Scholar-Blogger: Jentery Sayers, University of Washington

10-10:15 AM **1005 Beckman Building**

Break

10:15-11:30 AM **1025 Beckman Building**

Social Media Panel

Svitlana Matviyenko, University of Missouri, Columbia “Identity in the Age of Cybercitizenship: Teaching Intermediate Composition in Second Life”

Christian Spielvogel, Hope College; Laura Ginsberg Spielvogel, Western Michigan University “Traversing the Boundaries of Pedagogy through Curriculum-Based RPGs: The Valley Sim and Marriage of Cultures Prototypes”

Sharon Tettegah, University of Illinois at Urbana-Champaign; Cynthia Calongne, Colorado Technical University;

Danielle Holt, Chicago State University, “Identity, Learning and Support in Virtual Environments”

Christine Greenhow, University of Minnesota, “Engaging Youth in Networked News: Connecting the Social, Civic, and Educational through Action-oriented Facebook ‘Publications’”

Session Chair and Moderator: Brendesha Tynes, University of Illinois at Urbana-Champaign

HASTAC Scholar-Blogger: Staci Shultz, University of Michigan

11:30-12:30 pm **1005 Beckman Building**

Lunch (provided for registered participants)

Illinois Program for Research in the Humanities Lunch (by invitation only) 4101 NCSA

Invitees: Please proceed directly to 4101 NCSA. Lunch will be provided in the meeting room.

African and African American Diaspora Lunch (by invitation only) 2100 NCSA

Sponsored by the Department of African American Studies, University of Illinois at Urbana-Champaign

Invitees: Please proceed directly to 2100 NCSA. Lunch will be provided in the meeting room.

Corporate Strategies for Humanities, Arts, and Social Sciences Lunch 2004 NCSA

Chaired by John Stevenson, National Center for Supercomputing Applications Consultant (open to all interested participants). Interested participants should pick up a box lunch from 1005 Beckman Building before joining the lunch.

Stereo Visualization Laboratory Open Display 1005 NCSA

12:30-1:45 PM **1122 NCSA**

Born Digital Scholarship: New Strategies, Projects and Possibilities

Sharon Daniel, University of California at Santa Cruz

Wendy Chun, Brown University

Tara McPherson, University of Southern California

Session Chair and Moderator: Craig Dietrich, University of Maine

HASTAC Scholar-Blogger: Kathleen Smith, University of Illinois at Urbana-Champaign

1:45-2:30 PM **1122 NCSA**

NCSA Fellows in the Humanities

Anne D. Hedeman, University of Illinois at Urbana-Champaign

Wayne Pitard, University of Illinois at Urbana-Champaign

Douglas Kibbee, University of Illinois at Urbana-Champaign

Gary Cziko, University of Illinois at Urbana-Champaign

Session Chair and Moderator: Michael Welge, National Center for Supercomputing Applications

HASTAC Scholar-Blogger: Peter Leonard, University of Washington

2:30-2:45 PM

Break

2:45-3:45 PM **1122 NCSA**

Situated in Time and Space: New Developments in the Display of Geographic Data

Mano Marks, Google

HASTAC Scholar-Blogger: Kathleen Smith, University of Illinois at Urbana-Champaign

3:45 PM

Transportation to Krannert Art Museum (KAM) from the NCSA Building.

Please note that the bus will depart exactly at 3:45 pm from the front of NCSA (Clark St.)

4-5:15 PM

Krannert Art Museum (500 E. Peabody Drive)

“Trees You Can’t Climb” CANVAS Exhibit, John Jennings and Damian Duffy, University of Illinois at Urbana-Champaign

Grand Text Auto Exhibit, Damon Baker, University of Illinois at Urbana-Champaign

HASTAC Scholar-Blogger: Veronica Parades, University of Southern California

4:15 PM

Transportation from NCSA to Krannert Center for the Performing Arts (KCPA) for Steering Committee Only.

Please note that the bus will depart exactly at 4:15 pm from the front of NCSA (Clark St.)

4:30-6 PM

HASTAC Executive Session for Steering Committee Only

Krannert Center for the Performing Arts Conference Room

5:15 PM

Transportation from Krannert Art Museum (KAM) to Krannert Center for Performing Arts (KCPA) (500 South Goodwin)

Please note that the Krannert Center for Performing Arts is NOT the same venue as the Krannert Art Museum.

5:30-7 PM

**edream Institute (Emerging Digital Research and Education in Arts Media) Reception
Krannert Center for the Performing Arts, Main Lobby in Front of Great Hall**

Linda Katehi, Provost, University of Illinois at Urbana-Champaign

Michael Ross, Director, Krannert Center for the Performing Arts

Donna Cox, Director edream and Advanced Visualization Laboratory, National Center for Supercomputing Applications

7-10:30 PM Krannert Center for the Performing Arts, Main Lobby Stage

"Bluelights" Late Night

Guy Garnett, University of Illinois at Urbana-Champaign

Caitlin Fisher, York University, Canada, "Andromeda2: augmented reality poetry"

John Jennings, University of Illinois at Urbana-Champaign, and Hershini Bhana Young, SUNY-Buffalo, "AUCTION BLOCK PARTY"

Richard Holeyton, Stanford University, "Custom Orthotics Changed My Life, and other slideshow fiction"

Allison de Fren, Connecticut College, "Disarticulations of Artificial Women"

Ruth Nicole Brown and Claudine Candy Taaffe, University of Illinois at Urbana-Champaign, "I Am Not The Problem! An Embodied Black Girl Photo-Essay-Performance-Poem in Cacophony"

Blue Lights DJ: Edward Moses, HASTAC Scholar, University of Illinois at Urbana-Champaign

Blue Lights Master of Ceremonies: Lisa Dixon, University of Illinois at Urbana-Champaign

10:30 PM

Transportation from Krannert Center for the Performing Arts to Hampton Inn Hotel

Please note that the bus will depart exactly at 10:30 pm from the front of the Krannert Center of the Performing Arts (Goodwin Avenue).

Tuesday April 21st

Registration takes place in NCSA Lobby; All events in NCSA building unless otherwise noted.

8-9 AM NCSA Lobby

Continental Breakfast (provided)

Open Laboratory Tours and Displays

Stereo Visualization Laboratory, Donna Cox, edream and Advanced Visualization Laboratory, National Center for Supercomputing Applications

IACAT Labs

Spectral and Tele-Immersive Laboratories, Peter Bajcsy, Image Spatial Data Analysis (ISDA) group, National Center for Supercomputing Applications

Julie Klein, Nardina Mein, Dr. Anne-Marie Armstrong, and Ian Chapp, Wayne State University, "Advancing Digital Partnerships at Wayne State University: The Digital Learning Objects Sandbox, Digital Humanities Collaboratory, and LUNA"

Poster Sessions NCSA Lobby

Paul Gallagher, Wayne State University, "Performance Archive Search Tool: a new means to access Detroit's cultural history"

Patrick Murray-John, University of Mary Washington, "A Giant Edu-Graph: Removing Boundaries From Courses, Blogs, And Information About Them"

Jason Price, University of California at Berkeley, "Notes and Reflections from The Global Lives Project"

Nalin Abeysekera, Open University of Sri Lanka, "Promoting online learning vs. traditional learning in Sri Lanka"

Javed Mostafa, University of North Carolina, "ScholarsPoint: An Online Collection of Scholarly Software, Virtual Computer Laboratory, and Community of Practice"

Elizabeth Dorland, Washington University, "Social Media for Information Filtering, Boundary Crossings, and Promoting Educational Change"

Staci Shultz, University of Michigan, "Access, Agency, and Agenda: How Online Fan Fiction Communities Sponsor Participants in Emerging Spaces"

Ian Benjamin Chapp, Wayne State University, "An Operatic Digital Archive: Libretto in the Language of Open Source, Code, Collaboration and Salvaged Equipment"

Ramsey Tesdell, University of Washington, "A New Media Ecology in Jordan"
HASTAC Scholar-Blogger: Megan Osfar, University of Illinois at Urbana-Champaign

9-10:15 AM

1030 NCSA

Rapid Fire/Lightning Talks

Max Edelson, University of Illinois at Urbana-Champaign, Robert E. McGrath, National Center for Supercomputing Applications, and Alan Craig, Institute for Computing in Humanities, Arts, and Social Science, "How to Create a Universal Digital Cartobibliography: Crossing the Boundary From a Sea of Images to a Cartographic Record of American History"

Nick Montfort, Massachusetts Institute of Technology, "Expanding the Literary Potential of Interactive Fiction"

W. Michelle Harris, Rochester Institute of Technology, "Tangible Experience Design: An educational bridge between Industrial Design and Computing"

Abdul Alkalimat, University of Illinois at Urbana-Champaign, "African Diaspora"

Patrick Jagoda, Duke University, "Network Aesthetics: American Fictions in the Era of Interconnection"

Letizia Bollini and Valentina Cerletti, Bicocca University, Milan, Italy, "Logical and visual georeferenced search: merging user centered interaction models"

Peter Leonard, University of Washington, "Marking Up Stone: TEI, GIS and Medieval Runology"

John Johnston, Emory University, "Computer Fictions as Cognitive Models: Layering, Virtualization, and Intra-system Interface"

Jeffrey McClurken, University of Mary Washington, "Uncomfortable, but Not Paralyzed": Challenging Traditional Classroom Boundaries with Undergraduates and Digital History"

Session Chair and Moderator: Dianne Harris, University of Illinois at Urbana-Champaign

HASTAC Scholar-Blogger: Megan Osfar, University of Illinois at Urbana-Champaign

9-10:15 AM

1040 NCSA

Emerging Technologies Panel

Julie Klein, Nardina Mein, Dr. Anne-Marie Armstrong, and Ian Chapp, Wayne State University, "Lessons for Teaching with Technology in Humanities and Social Sciences"

Michael Twidale, University of Illinois at Urbana-Champaign, "Patchwork Prototyping an IMLS DCC Collection Dashboard"

Jentery Sayers and Matt Wilson, University of Washington, "Mapping the Digital Humanities"

Lisa Wymore, University of California at Berkeley, "Traversing Digital Boundaries via Tele-Immersive Environment Exploration of Geographically Distributed Dance Performance"

Alan Craig, Institute for Computing in Humanities, Arts, and Social Science, and Robert E. McGrath, National Center for Supercomputing Applications, "Augmented Reality/Virtual Reality"

Scott Lathrop, TeraGrid, "HPC University"

Session Chair and Moderator: James Myers, National Center for Supercomputing Applications

HASTAC Scholar-Blogger: Matthew Wilson, University of Washington

10:15-10:30 AM NCSA Lobby

Break

10:30-Noon 1122 NCSA

What's the Matter with New Arts Media? A Forum on The Ubiquitous Arts

Ann Balsamo, University of Southern California

Mikel Rouse

Thecla Shiphorst

Session Chair, Moderator, and Participant: Donna Cox, edream and Advanced Visualization Laboratory, National Center for Supercomputing Applications

HASTAC Scholar-Blogger: Veronica Parades, University of Southern California

Noon-1 PM NCSA Lobby

Lunch (provided)

Stereo Visualization Laboratory Open Display 1005 NCSA

ARTCA Initiative Lunch 4101 NCSA

Sponsored by the Costa Rica-USA Foundation (by invitation only). Invitees: Please proceed directly to 4101 NCSA. Lunch will be provided in the meeting room.

Humanities High Performance Computing Collaboratory Lunch 2100 NCSA

Sponsored by I-CHASS (by invitation only)

Invitees: Please proceed directly to 2100 NCSA. Lunch will be provided in the meeting room.

1-2:30 PM 1122 NCSA

Foundations Funding Panel

Jennifer Serventi, National Endowment for the Humanities

Camilo Acosta, Costa Rica USA Foundation

Steve Griffin, National Science Foundation

Session Chair and Moderator: Melanie Loots, University of Illinois at Urbana-Champaign

HASTAC Scholar-Blogger: Veronica Parades, University of Southern California

2:30-3:45 PM 1030 NCSA

Community Informatics

Will Patterson, University of Illinois at Urbana-Champaign, "I POWERED-Hip Hop as

Information Science”

Bertram (Chip) Bruce, University of Illinois at Urbana-Champaign, “YOUTH, DIGITAL MEDIA AND INFORMATICS”

Angel David Nieves, Hamilton College, “Virtual Heritage in the New South Africa: The Soweto '76 Archive and Digital Cultural Heritage”

Session Chair and Moderator: Tom Maccalla, National University

HASTAC Scholar-Blogger: Megan Osfar, University of Illinois at Urbana-Champaign

2:30-3:45 PM 1040 NCSA

Disciplinary Practices Panel

Katherine Mezur, University of Washington, “New Medium: Ditching the Disciplinary Rules and Founding Tech/Performance”

Aden Evens, Dartmouth College, “Desire and the Mouse”

Lev Manovich, University of California San Diego

Session Chair and Moderator: Deanna Raineri, University of Illinois at Urbana-Champaign

HASTAC Scholar-Blogger: Kathleen Smith, University of Illinois at Urbana-Champaign

3:45-4 PM NCSA Lobby

Break

4-5 PM 1122 NCSA

Ubiquitous Learning Panel

Nick Burbules, University of Illinois at Urbana-Champaign, “Ubiquitous learning: Crossing the formal/informal education divide”

Caroline Haythornthwaite, University of Illinois at Urbana-Champaign, “Ubiquitous Learning”

Lisa Nakamura and Rayvon Fouché, University of Illinois at Urbana-Champaign, “From Analog to Digital: Race, Technology, and Cultural Identity”

Session Chair and Moderator:

HASTAC Scholar-Blogger: Peter Leonard, University of Washington

5-6:30 PM 1122 NCSA

Grand Text Auto Panel

Mary Flanagan

Michael Mateas, University of California at Santa Cruz

Nick Montfort, Massachusetts Institute of Technology

Scott Rettberg, University of Bergen, Norway

Andrew Stern

Noah Wardrip-Fruin, University of California at Santa Cruz

Session Chair and Moderator: Damon Baker, University of Illinois at Urbana-Champaign

HASTAC Scholar-Blogger: Kathleen Smith, University of Illinois at Urbana-Champaign

6:30-6:45 PM

Closing 1122 NCSA

Kevin Franklin, Institute for Computing in Humanities, Arts, and Social Science

6:45 PM

HASTAC Scholars Dinner and Meeting 2100 NCSA

Sponsored by Cybereducation at the National Center for Supercomputing Applications

7-9 PM(optional)

The Mechanical Bride: Full Screening Sponsored by Gender and Women's Studies

Allison de Fren, Connecticut College

106 Lincoln Hall

7:30 PM (optional)

Ronald K. Brown/Evidence, A Dance Company Performance

Krannert Center for Performing Arts

HASTAC III Extended Workshop: Imaging and Imaging Analyses Workshop

Designed to facilitate education, training and information exchange among multiple scientific disciplines, the NSF-supported workshop on Imaging and Image Analyses workshop will bring together representatives from academic institutions in the United States and abroad and from US museums. Humanists, social scientists, and artists will be paired with computer scientists at the workshop in order to present complementary views on topics related to imaging and image analyses of historical objects. The intent of the workshop is to examine the process of going from actual physical objects to digital objects made available via the Internet and the related process of enabling computer assisted learning over large digital collections for education and research. The overarching goal of the workshop will be to understand the challenges associated with imaging and image analyses that are inherent in this process, as well as solutions, needs and opportunities for further research. All experience levels are welcome.

Wednesday April 22nd

Imaging and Imaging Analyses Workshop

Registration takes place in NCSA Lobby; All events take place in NCSA Building unless otherwise noted.

8-8:30 AM **NCSA Lobby**
Imaging and Imaging Analyses Workshop Continental Breakfast (provided)

8:30- 9 AM **1040 NCSA**
Imaging and Imaging Analyses Workshop Welcome
Kevin Franklin, Institute for Computing in Humanities, Arts, and Social Science
Anne D. Hedeman, Art History and Medieval Studies, University of Illinois at Urbana-Champaign
Dianne Harris, Illinois Program for Research in the Humanities, University of Illinois at Urbana-Champaign
Peter Bajcsy, National Center for Supercomputing Applications and Institute for Computing in Humanities, Arts, and Social Sciences

9-9:30 **1040 NCSA**
Imaging and Imaging Analyses Workshop Workshop Panel
Stephen Griffin, National Science Foundation

9:30-9:45 AM **NCSA Lobby**
Imaging and Imaging Analyses Workshop Break

9:45-10:45 AM **1040 NCSA**
Imaging and Imaging Analyses Workshop Keynote

David Stork, Open Mind: Rigorous Computer Vision in Humanist Studies of Art

10:45-11:45 AM 1040 NCSA

Imaging and Imaging Analyses Workshop Panel

Max Edelson, History, University of Illinois at Urbana-Champaign: "The History of Colonial British America and the Atlantic World from Historical Maps"

Mara Wade, Germanic Languages and Literatures, University of Illinois at Urbana-Champaign: "Renaissance Emblem Books"

11:45- 12:15 PM 1040 NCSA

Imaging and Imaging Analyses Workshop Demonstration

Peter Bajcsy, National Center for Supercomputing Applications and Institute for Computing in Humanities, Arts, and Social Sciences, "Tele-Immersive Demonstration"

12:15-1 PM NCSA Lobby

Imaging and Imaging Analyses Workshop Lunch (provided)

1-1:30 PM 1040 NCSA

Imaging and Imaging Analyses Workshop Panel

Bonnie Mak, Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign:

"Making Meaning with Digital Images"

1:30-2:30 PM 1040 NCSA

Imaging and Imaging Analyses Workshop Panel

Mark Kornbluh, Michigan State University: "Understanding 19-20th Century Quilt Imagery"

Narenda Ahuja and Sanketh Shetty, Electrical and Computer Engineering, University of Illinois at Urbana-Champaign: "Analyses of Historical Paintings"

2:30-2:45 PM

Imaging and Imaging Analyses Workshop Break NCSA Lobby

2:45-3:45 PM

Imaging and Imaging Analyses Workshop Panel 1040 NCSA

Virginia Kuhn, University of Southern California: "Multimedia Analyses"

Jodee Stanley, University of Illinois at Urbana-Champaign: "Ninth Letter"

3:45-4:15 PM

Imaging and Imaging Analyses Workshop Panel 1040 NCSA

Peter Bajcsy, National Center for Supercomputing Applications and Institute for Computing in Humanities, Arts, and Social Sciences: "Lincoln Papers"

4:15-4:45 PM

Imaging and Imaging Analyses Workshop Summary Breakout 1040 NCSA

4:45-5:30 PM 1040 NCSA

Imaging and Imaging Analyses Workshop Roundtable Discussion

Dianne Harris, Illinois Program for Research in the Humanities, University of Illinois at Urbana-Champaign

7-8:30 PM

Imaging and Imaging Analyses Workshop Dinner

at the home of Workshop Organizer, Anne D. Hedeman

Directions will be provided to participants at the close of the roundtable discussion.

Thursday April 23rd

Registration takes place in NCSA Lobby; All events take place in NCSA Building unless otherwise noted.

8:00-8:30 AM NCSA Lobby

Imaging and Imaging Analyses Workshop Continental Breakfast (provided)

8:30-9:30 AM 1040 NCSA

Imaging and Imaging Analyses Workshop Panel

Michael Toth, R.B. Toth Associates: "From Manuscripts to Maps: Linking Pen to Pixel with Spectral Analyses"

Alex Lee

9:30-10:30 AM 1040 NCSA

Imaging and Imaging Analyses Workshop Panel

Pat Seed, University of California at Irvine: "The Development of Mapping on the West and South Coasts of Africa by Portuguese Navigators and Cartographers from 1434-1504"

Paul Lovejoy, York University: "Maps for Understanding the African Diaspora"

10:30-10:45 AM NCSA Lobby

Imaging and Imaging Analyses Workshop Break

10:45-11:45 AM 1040 NCSA

Imaging and Imaging Analyses Workshop Panel

Geraldine Heng, University of Texas at Austin; Susan Noakes, University of Minnesota; Ana Boa Ventura, University of Texas at Austin: "Digitization of Manuscripts for the Study of the Global Middle Ages"

11:45-12:45 PM NCSA Lobby

Imaging and Imaging Analyses Workshop Lunch (provided)

12:45-1:45 PM 1040 NCSA

Imaging and Imaging Analyses Workshop Panel

Michael Meredith, University of Sheffield, UK: "Web-Based Dissemination of Large Image Collections via Virtual Vellum"

Anne D. Hedeman, Art History and Medieval Studies, University of Illinois at Urbana-Champaign: "Analyses of Illustrations in Froissart and Shrewsbury manuscripts"

1:45-2:45 PM 1040 NCSA

Imaging and Imaging Analyses Workshop Panel

Bob Markley, English, University of Illinois at Urbana-Champaign: "Digitization and Optical Character Recognition of the 18th-Century Connecticut Manuscripts"

Chatham Ewing, Rare Book and Special Manuscripts Library, University of Illinois at Urbana-Champaign: "Rare Book Imaging"

2:45-3 PM NCSA Lobby

Imaging and Imaging Analyses Workshop Break

3:00-4 PM 1040 NCSA

Imaging and Imaging Analyses Workshop Panel

Bruno Schulze, Laboratório Nacional de Computação Científica (LNCC), Brazil: "Grid Computing for the Humanities"

4:00-4:30 PM 1040 NCSA

Imaging and Imaging Analyses Workshop Summary Breakout

4:30-5:15 PM 1040 NCSA

Imaging and Imaging Analyses Workshop Roundtable Discussion

Kevin Franklin, Institute for Computing in Humanities, Arts, and Social Science

5:15-5:30 PM 1040 NCSA

Imaging and Imaging Analyses Workshop Closing

HASTAC III: Extended Workshop:
Software Environment for the Advancement of Scholarly Research (SEASR) Workshop

The Software Environment for the Advancement of Scholarly Research (SEASR) Workshop, funded by the Andrew W. Mellon Foundation, provides a research and development environment capable of powering leading-edge digital humanities initiatives. SEASR fosters collaboration by empowering scholars to share data and research in virtual work environments. This eases scholars' access to digital research materials, which currently are stored in a variety of incompatible formats. Developed in partnership with humanities scholars, SEASR enhances the use of digital materials by helping scholars uncover hidden information and connections. SEASR supports the study of assets from small patterns drawn from a single text or chunk of text to broader entity categories and relations across a million words or a million books. SEASR will support numerical, categorical, text, and audio-based analysis and will continue to evolve to include processing of images and other multimedia data formats. Visit <http://www.seasr.org> for more information. The workshop will include informational sessions and hands on sessions, all of which will take place in the NCSA facilities. All experience levels are welcome.

Wednesday April 22nd

Software Environment for the Advancement of Scholarly Research (SEASR) Workshop

Registration takes place in NCSA Lobby; All events take place in NCSA Building unless otherwise noted.

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| 8-9 AM | NCSA Lobby |
| | Software Environment for the Advancement of Scholarly Research (SEASR) |
| | Continental Breakfast (provided) |
| 9-9:15 AM | 1030 NCSA |
| | SEASR Workshop: Introduction |
| 9:15-10 AM | 1030 NCSA |
| | SEASR Overview and Workshop Goals |
| 10 AM | NCSA Lobby |
| | SEASR Workshop Break |
| 10:30-Noon | 1030 NCSA |
| | SEASR Application Examples and Demonstrations |
| 10 AM | 1030 NCSA |
| | SEASR Workshop Break |
| 10:30-Noon | 1030 NCSA |
| | SEASR Application Examples and Demonstrations |
| Noon-1 PM | NCSA Lobby |

SEASR Lunch (provided)

1-2:30 PM 1030 NCSA

SEASR Architecture, Installation, and Tools

2:30-3 PM NCSA Lobby

SEASR Break

3-4:30 PM

SEASR Humanities: SEASR Tools with Hands on Demo 1030 NCSA

SEASR Developers: SEASR Technical Details 2100 NCSA

HASTAC III: Extended Workshop: Virtual Worlds Visualization Workshop

Building a virtual world is very complex, requiring significant technical skill. Commercial virtual worlds, such as Second Life, do not support high resolution graphics and real time inputs, and generally impose restrictions on what kind of world can be created. The mWorlds project is developing a framework to support a highly distributed, scalable environment, with distributed simulations and rendering, and a complete gamut of input and display devices, from Wii game controllers to cell phones to tiled HD displays. We are using mWorlds as a testbed to explore new approaches to real-time, interactive, distributed, collaborative creating in-world (i.e., directly in a multiuser virtual world). Current interest in virtual worlds shows the potential of a powerful yet general-purpose environment for many collaborative projects in art, science, technology, commerce, and entertainment. Clearly, these virtual worlds are significant cultural phenomena that offer new and diverse opportunities for creativity, especially collaborative creativity. The mWorlds project focuses on bringing together artists and computer scientists to make the creation of such virtual worlds easier, more accessible to non-specialists, and thereby unleashing tremendous creative potential, without sacrificing high-quality graphics and interaction. In this HASTAC workshop, we will cover the basic elements and techniques for building a virtual world including such topics as place, motion, user representation, game engines, graphics, physics simulations, AI simulation, world design, multi-player interaction models, and user interface design, persistence, etc., and show how to develop these using our mWorlds virtual world framework. Participants with programming experience, can download software and use it to develop their own virtual world.

Wednesday April 22nd

Virtual Worlds Visualization Workshop

Registration takes place in NCSA Lobby; All events take place in NCSA Building unless otherwise noted.

10 AM-Noon

3100 NCSA

Virtual Worlds Visualization Workshop

Donna Cox, edream and Advanced Visualization Laboratory, National Center for Supercomputing Applications

Noon- 1PM

NCSA Lobby

Virtual Worlds Visualization Workshop Lunch (provided)

1-5 PM

3100 NCSA

Virtual Worlds Visualization Workshop

Guy Garnett, IACAT