



Details

Dates:
May 18-21, 2003

Venue:
[Boston, MA, USA](#)

Reservations:
Details on the hotel's [special conference rate](#)

Program:
Multimedia pioneer Nicholas Negroponte, co-founder of the MIT Media Lab, is [scheduled to speak at dg.o2003](#).

Conference Co Chairs:
Yigal Arens (USC/ISI and DGRC)
Eduard Hovy (USC/ISI and DGRC)
Program Chair: Peggy Agouris, University of Maine
Government Liaison: Valerie Gregg (NSF)
Communications: Mack Reed (USC/ISI and DGRC)
Registration: Priscilla Rasmussen (Rutgers/ARCS)

Conference News

LATE-BREAKING NEWS: [See this page](#) for the latest conference announcements.

The National Science Foundation invites you to join **dg.o2003**, the national conference that brings together top computer science researchers, government agencies, policy specialists, experts in e-commerce, the software industry, and members of the public with the aim of developing online government systems of all types.

Accepted Research: You can see a [complete list here](#) of papers, posters and tech demos that have been accepted to the conference.

Registration Closed:
You can still register in Boston, where [on-site fees will apply](#).

Attention Authors: If you published a book or video in the past year or two that you would like to present at **dg.o2003**'s meet-the-authors session, please [contact us](#).

For insight into the breadth and depth of recent Digital Government research, **dg.o** recommends that you explore these Web pages:

- [dg.o2002, 2001 and 2000 Proceedings](#)
- [Digital Government-funded projects](#)

[dg.o | papers | program | register | venue](#)

FEEDBACK:
Questions about dg.o2003: dg.o2003@dgrc.org
Questions about this site: dg.o Communications Office



This site and the **dg.o** Communications Office are maintained by the University of Southern California's **Information Sciences Institute**, a member of the **Digital Government Research Center**


NEWS [Subscribe](#)
Latest dg.o 2006 Conference News:

"Integrating Information Technology and Social Science Research for Effective Government"

The 7th Annual International Conference on Digital Government Research is a forum for the presentation and discussion of interdisciplinary research on digital government and its applications in diverse domains.



San
Diego, California
May 21-24, 2006

KEYNOTE SPEAKER PRESENTATIONS

- [Fran Berman](#), Director, San Diego Supercomputer Center Professor and High Performance Computing Endowed Chair, UC San Diego, delivered a keynote address on "[One Hundred Years of Data](#)"
- [Kim Nelson](#), Microsoft's E-Government Director delivered a keynote address on "[Academic and Business Partnerships to Enhance Digital Government Research](#)"
- Dr. John Phillips, Chief Scientist of the Central Intelligence Agency (CIA) delivered a keynote address for [ISI2006](#).

CALL FOR INTERNATIONAL WORKGROUPS

- Call for Proposals for International Working Groups
 International working groups are a targeted way to encourage advances in DG research topics that cross national boundaries. Limited funds are available to support the establishment of 3-5 groups, to be competitively selected through a peer review process.
- To submit a proposal for an international working group, please download the Working Group Call for Proposals and the Working Group Budget Proposal Spreadsheet .
- Together, these documents detail the requirements, protocol, and deadlines for a proposal submission.

Deadlines

- Optional Expression of Interest - July 1, 2006

TOOLS AND RESOURCES
[FAQs](#)•[Site Map](#)

[Calendar](#)•[Case Studies](#)•[Links](#)•[System Demos](#)•[Workshops](#)

FIND PROJECTS

By: [Title](#)•[Institution](#)•[Researcher](#)•[Gov't. Domain](#)•[Technology](#)•[ALL](#)

FIND RESEARCHERS

By: [Name](#)•[Institution](#)•[Gov't. Domain](#)•[Technology](#)•[ALL](#)

APPLY FOR RESEARCH GRANTS

[Digital Government program information](#)

NSF/ CISE Research Divisions:

[Computing & Communication Foundations](#)
[Computer & Network Systems](#)
[Information & Intelligent Systems](#)
[Shared Cyberinfrastructure](#)

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[Papers & Publications](#)

Conference Proceedings: [2006](#)•[2005](#)•[2004](#)•[2003](#)•[2002](#)•[2001](#)•[2000](#)

COLLABORATE

Explore [Digital Government Research Communities](#)
 Join Forums: [Semantic Web](#)•[GIS](#)•[Biodiversity](#)•[Others](#)

VISIT RESEARCH CENTERS

[Digital Government Research Center\(USC / Columbia\)](#)
[Center for Technology in Government\(University at Albany\)](#)
[National Center for Digital Government\(Harvard\)](#)

USE ONLINE RESOURCES

[FedStats.gov](#)| [MapStats](#)| [Eurostat](#)| [MORE LINKS](#)
[European Union - eGovernment Research & Development](#)
[Information Society Technologies Newsletter](#)
[Democracies Online Newswire](#)
[FirstGov BUZZ](#)

Full Proposal - 5:00 pm Tuesday August 22, 2006

Please send all questions to dgi@ctg.albany.edu.

SEE DETAILS

NEWS OF INTEREST:

University of Koblenz-Landau Summer Academy 2006

The Summer Academy aims at giving lectures on current research topics in English. Members of the University of Koblenz-Landau will offer their courses, and an accompanying program in regional culture is scheduled.

The faculty's attractivity for foreign students and young researchers will be increased since they will get an impression of teaching and research in Germany and particularly at our university.

This is also an offer to students of our numerous partner universities to participate in student exchange. [Learn More](#)

[Latest Newsletter](#) | [Subscribe to dgOnline](#) | [Media Coverage](#)

BULLETINS

DG SocietyAnnounces North American Digital Society Officers

Sharon Dawes - President
Yigal Arens - Treasurer
Valerie J.Gregg - Secretary
Ed Hovy - President-Elect
Hans (Jochen) Scholl - Board Member
Robert T. Maslyn - Board Members
Costas Panagopoulos - Board Members

The constitutions were drafted by the Constitution Creation Committee, which included Eduard Hovy of DGRC and USC/ISI, Stuart Shulman of the University of Pittsburgh, and Theresa Pardo of CTG and the University at Albany, with input from the community. You may find the text of the approved constitutions at:

<<http://faculty.washington.edu/jscholl/DGS/>>

The Digital Government Society Mission statement reads:

The Digital Government Society (DGS) of North America is a multi-disciplinary organization of scholars and practitioners engaged in and committed to democratic digital government. Digital (or electronic) government fosters the use of information and technology to support and improve public policies and government operations, engage citizens, and provide comprehensive and timely government services. The DGS equips its members with a professional support network focused on both scholarship and effective practices that nurture technical, social, and organizational transformation in the public sector. The society welcomes members from all sectors, endorses diverse, multi-, and interdisciplinary research undertakings relevant to both theory and practice, and strongly encourages practitioner-researcher exchanges at local, regional, national, and international levels.

For more information, see: www.dgsociety.org.

DG-Related CFP's and Conference Announcements

- [E-Gov Track HICCS40 - Issues Call For Papers](#)
- [Bled eConference - Call for Panels and Workshops](#)
- [eChallenges e-2006 Conference & Exhibition - Issues Call for Papers](#)
- [egov Asia 2006 Conference - Issues First Call for Papers](#)
- [Int'l Conference on Legal, Security and Privacy Issues in IT - Issues First Call for Papers](#)

NSF Releases IT-Related Program Announcements

IMPORTANT ANNOUNCEMENTS - UPDATE:

**Information and Intelligent Systems:
Advancing Human-Centered Computing,
Information Integration and Informatics,
and Robust Intelligence**



REVISION NOTES:

This solicitation replaces the following:

Information and Intelligent Systems: Advancing Collaborative and Intelligent Systems and their Societal Implications (NSF 05-551); and Science and Engineering Information Integration and Informatics (NSF 04-528). We anticipate similar deadlines in future years.

=====

New deadlines are as follows:

Full Proposal Deadline(s) (due by 5 p.m. proposer's local time):

- October 19, 2006 for Large Projects
- November 02, 2006 for Medium Projects
- December 06, 2006 for Small Projects

FULL DETAILS ARE LISTED AT:

<http://www.nsf.gov/pubs/2006/nsf06572/nsf06572.htm>



This site is maintained by the Digital Government Research Center at the University of Southern California's Information Sciences Institute.



[CONTACT](#) • [POLICIES](#)



SUBMISSIONS TO DG.O2003 ARE NOW CLOSED.

You may see a [complete list here](#) of papers, posters and system demos that were accepted to this year's conference.

Call for Papers and Proposals

2003 National Conference on Digital Government Research

Points of Contact

- General Conference Chair: Yigal Arens (USC/ISI and DGRC), arens@ISI.EDU
- Program Chair: Peggy Agouris, University of Maine, peggy@spatial.maine.edu
- Government Liaison: Valerie Gregg (NSF), vgregg@nsf.gov
- Communications: Mack Reed (USC/ISI and DGRC), mack@ISI.EDU

Venue

This year the conference will take place in Boston, Massachusetts at the [Hyatt Harborside Hotel](#). For detailed, up-to-date information on reservation deadlines, rates, procedure, and other accommodation details, please make sure you check regularly the relevant [conference venue Web page](#).

Details

- [Program Review Committee](#)
- [Points of contact](#)
- [Venue](#)
- [Requirements](#)
- [Suggested topics](#)
- [Reviewing](#)
- [Submission format](#)
- [Submission procedure](#)
- [Deadlines](#)
- [Call for Papers \(top\)](#)

[Download printable CfP \(.doc\)](#)

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REQUIREMENTS

Papers, Posters, and Case Studies

Papers should describe research and/or implementation of a topic relating to digital government. We specially encourage papers that describe the successful collaboration of researchers and government officials. A small number of these papers will be selected to highlight in a special Case Studies session. Papers will fall into three categories:

- Long papers, about established research and/or collaborations,
- Short papers, about new projects, and
- Posters, about new projects.

Authors should indicate which category/ies they prefer. The Program Committee will try to allocate accepted papers into the requested categories. Papers being submitted as 'multidisciplinary' should identify the two or more areas of research addressed by them. Papers that are written by students alone should be submitted to the Student Session (see below). Papers accompanied by system demonstrations are particularly welcomed; in this case, please submit both a paper and a demo submission (see below).

Panels

We invite descriptions of panels on topics of common interest. Descriptions should outline the theme and list a number of potential panelists. Successful submitters will become the panel moderator, and can then assemble the panelists and orchestrate their presentations. See submission details below.

System Demonstrations

One of the highlights of dg.oconferences is the demonstration sessions, held in special sessions to the accompaniment of good food. We invite short papers outlining a system demo, and we encourage demos that accompany papers (in which case, please submit both a system demo description and a paper). Each demo station will have a table, an easel, Internet access, and an LCD projector. See submission details below.

Student Papers

Papers on any aspect of digital government that are authored by students alone are welcomed in this session, which will be chaired by a student. The session will also include time for a discussion of typical graduate student issues. See submission details below.

Birds of a Feather Themes

We invite short descriptions of themes for the Birds of a Feather session, a set of roundtable discussions about relevant topics. This session serves to introduce people and support the formation of nationwide communities of people with like interests. See submission details below.

SUBMISSION DETAILS

Reviewing

Reviewing of all submissions will be performed by the Conference Program Committee, which is currently being formed and will be announced shortly at the conference Web site (<http://www.dgrc.org/dgo2003/>). This year's Program Chair is [Prof. Peggy Agouris](#), University of Maine.

Submission Format

Handling all the submissions in a short time is a lot of work! Please, therefore, observe the requirements below. Papers that do not conform to the requirements may be rejected without review.

Papers

Submissions should not have been published elsewhere in exactly the same format. The front page should include:

- Type:
- Demo as well?:
- Author(s):
- Address:

Long papers should not exceed 6 pages, 11 point font, 1" margins all around. Short papers and posters should not exceed 4 pages, 11 point font, 1" margins all around. If you have an accompanying demo you must also submit a demo description.

Please email the submission in PDF, Microsoft Word, postscript, or plain text (PDF preferred), to dg.o2003-submit@dgrc.org by close of business, Wednesday March 5, 2003.

Panels

Submissions should not exceed three pages. The front page should include the following information:

- Type: panel
- Moderator:
- Address:

The submission should describe the theme, motivating its importance to digital government. It should contain the names of at least two likely panelists. If available, descriptions of your prior experience on panels is requested.

Please email the submission in pdf, Microsoft Word, postscript, or plain text (pdf preferred), to dg.o2003-submit@dgrc.org by close of business, Wednesday March 5, 2003.

System demo descriptions

Submissions should include the following information:

- Type: System demo
- Paper as well?:
- Author(s):
- Address:

Papers should not exceed 4 pages, 11 point font, 1" margins all around. If your demo requires special resources or attention beyond Internet access and an LCD projector, please indicate them in the paper. If you have an accompanying paper you must also submit the paper separately.

Please email the submission in PDF, Microsoft Word, postscript, or plain text (pdf preferred), to dg.o2003-submit@dgrc.org by close of business, Wednesday March 5, 2003.

Student papers

Submissions should include the following information:

- Type: Student paper
- Demo as well?:
- Author(s): [your name(s)]
- Address: [your address, telephone number, email, etc.]

Papers should not exceed 4 pages, 11 point font, 1" margins all around. If you have an accompanying demo you must also submit a demo description.

Please email the submission in pdf, Microsoft Word, postscript, or plain text (pdf preferred), to dg.o2003-submit@dgrc.org by close of business,

Wednesday March 5, 2003.

Birds of a Feather themes

Submissions should include the following information:

- Type: BoF theme
- Author(s): [your name(s)]
- Address: [your address, telephone number, email, etc.]

Papers should not exceed 2 pages, 11 point font, 1" margins all around.

Please email the submission in PDF, Microsoft Word, postscript, or plain text (pdf preferred), to dg.o2003-submit@dgrc.org by close of business, Wednesday March 5, 2003.

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Submission Procedure

All submissions must be emailed to dg.o2003-submit@dgrc.org by close of business, Wednesday March 5, 2003.

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DEADLINES

Submissions deadline:

March 5, 2003

Notification of acceptance:

April 4, 2003

Camera ready papers due:

April 11, 2003

Conference:

May 18-21, 2003

INQUIRIES

For up-to-date conference information please visit the conference Web site at <http://www.dgrc.org/dgo2003/>

If you have any program-related questions or need additional clarifications on topics and submissions please contact the Program Chair at peggy@spatial.maine.edu.

For government-related inquiries please contact the Government Liaison at vgregg@nsf.gov.

For general inquiries please contact the General Conference Chair at arens@ISI.EDU.

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dg.o2003
The National Conference on Digital Government Research

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Program highlights:

- [Printable PROGRAM AT A GLANCE](#) [Keynote address: Nicholas Negroponte](#) [System Demos \(I\)](#) [System Demos \(II\)](#) [Posters](#)

Panels:

- [Biodiversity and Ecosystem Informatics](#)
- [International E-Government](#)
- [New IT Research for Environmental Issues](#)
- [E-Rulemaking: New Directions for IT & Regulation](#)
- [Open-Source Code for Digital Government Research](#)
- [Modeling Urban Data for Transportation, Environment and Land Use](#)

Research Papers:

- [Data and Statistics](#)
- [Data Sharing & Integration \(I\)](#)
- [Policy Issues](#)
- [Digital Libraries and Archives](#)
- [Student Papers](#)
- [Metadata](#)
- [HCI and Usability](#)
- [Citizens & Privacy](#)
- [Information Management](#)
- [The Citizen & Government](#)
- [Data Sharing & Integration \(II\)](#)
- [Internet / Web Applications \(I\)](#)
- [Accessibility and Visualization](#)
- [Internet / Web Applications \(II\)](#)

DAY/TIME	MASTER	TRACK A	TRACK B	TRACK C
SUNDAY				
6:00 P.M.	ARRIVAL			
7:00 P.M.		Reception for Principal Investigators and Government Collaborators	Reception for Graduate Students	
9:00 P.M.				
MONDAY				
7:00 A.M.	REGISTRATION and Continental breakfast			
8:00 A.M.	OPENING			

8:30 A.M.	KEYNOTE ADDRESS: Nicholas Negroponte , cofounder and chairman of the MIT Media Laboratory			
9:30 A.M.	BREAK			
10:00 A.M.	SESSION 1	(1A) PANEL: Biodiversity & Ecosystem Informatics	(1B) CASE STUDIES 1- Sharon Dawes of SUNY University at Albany, on "Knowledge Networking in the Public Sector" 2- Jose Fortes of University of Florida, on "Transnational Digital Government" 3- Paul Waddell and Alan Borning of University of Washington, on "UrbanSim"	(1C) PAPERS: Data & Statistics
12:00 P.M.	LUNCH:	Speaker: Dr. Gregory Andrews , Division Director for Experimental and Integrative Activities, CISE/NSF		
1:30 P.M.	SESSION 2	(2A) PANEL: International e-government	(2B) PAPERS: Data Sharing & Integration (I)	(2C) PAPERS: Policy Issues
3:30 P.M.	BREAK			
4:00 P.M.	BOF SESSIONS	BOF Sessions	BOF Sessions	BOF Sessions
6:00 P.M.	FREE TIME			
7:00 P.M.	SYSTEM DEMOS (I)			
9:30 P.M.				
TUESDAY				
7:00 A.M.	REGISTRATION and Continental breakfast			

8:00 A.M.	SESSION 3	(3A) PANEL: New IT Research for Environmental Issues	(3B) PAPERS: Digital Libraries and Archives	(3C) PAPERS: Student Papers
9:30 A.M.	BREAK			
10:00 A.M.	SESSION 4	(4A) PANEL: E-Rulemaking	(4B) PAPERS: Metadata	(4C) PAPERS: HCI - Usability
12:00 P.M.	LUNCH - BOF results, 5 mins per chairperson for briefing to all			
1:30 P.M.	SESSION 5	(5A) PANEL: Open-Source Code in Digital Government Research	(5B) PAPERS: Citizens & Privacy	(5C) PAPERS: Information Management
3:30 P.M.	BREAK			
4:00 P.M.		SYSTEM DEMOS (II)	POSTERS	
6:00 P.M.	SYSTEM DEMOS & POSTERS / FREE TIME			
10:00 P.M.				
WEDNESDAY				
7:00 A.M.	REGISTRATION and Continental breakfast			
8:00 A.M.	SESSION 6	(6A) PAPERS: The Citizen & Government	(6B) PAPERS: Data Sharing and Integration (II)	(6C) PAPERS: Internet/Web Applications (I)
9:30 A.M.	BREAK			
10:00 A.M.	SESSION 7	(7A) PANEL: Modeling Urban Data	(7B) PAPERS: Accessibility and Visualization	(7C) PAPERS: Internet/Web Applications (II)
12:00 P.M.	LUNCH	Principal Investigators' Luncheon	Lunch for all other attendees	

1:30 P.M.	FIELD TRIPS	MIT Media Lab (Attendance limit: 35)	National Center for Digital Governmentat Harvard University's Kennedy School of Government (Attendance limit: 50)	Volpe National Transportation Systems Center (Attendance limit: 15)
4:30 P.M.	Buses scheduled to leave field trip sites			
5:00 P.M.	Returning buses arrive at hotel			

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Registration procedure:

Off-site registration is NOW CLOSED.

We welcome you to come to dg.o2003 in Boston and register there.

On-Site rates will apply.

Paid Registrants

Please note: You are not fully registered until you have SUBMITTED PAYMENT. Registration includes all meals shown on the schedule, and your fees are required to cover these and other costs.

This list is updated on weekdays. As of 3:30 p.m. PDT on 5/14/03, these researchers have completed the registration form and paid their fees:

2003 Rates

	Before April 1	After April 1	On-Site
Students	\$0	\$0	\$50
Academia	\$300	\$350	\$400
Government Employees	\$425	\$475	\$525
Private Industry and Others	\$750	\$800	\$850

Demo Only: \$75
 (This special rate is for people who are attending the conference only to present a research system demonstration. This entitles the attendee to be present at the demonstration sessions, but does not include meals or admission to other sessions.)

- Sibel Adali
- Peggy Agouris
- Jose-Luis Ambite-Molina
- Paul Andrew
- Gregory R. Andrews
- Yigal Arens
- Juliet Armstrong
- Vijay Atluri
- Kate Beard
- Shirley (Annie) Becker
- Alan Borning
- John Bosley
- Charles Bostian
- Athman Bouguettaya
- Luciana Burdi
- Frantisek Brabec
- Lawrence E. Brandt
- Chris Brehme
- Michelle Burke
- Burgess
- Jamie Callan
- Daniel Carr
- Fabio Carrera
- Mousumi Chatterjee
- Hsinchun Chen
- Soon A. Chun
- John Gawalt
- Charalampos Georgiadis
- Marilu Goodyear
- Nathan Gray
- Valerie Gregg
- Stephanie Haas
- Charles Heenan
- Carol Hert
- Gale Holland
- Eduard Hovy
- Larry Jackson
- Craig Johnson
- Alan Karr
- Laszlo Z. Karvalics
- Boris Katz
- Kathleen Shea Kettel
- Judith Klavans
- Srivatsa Krishna
- Brenden Kuerbis
- Bill Kules
- Mark Lavigne
- Kincho Law
- Tom Lee
- Chun Li
- Dan Li
- Ron Li
- Lixin Li
- Elizabeth Liddy
- Chienting Lin
- Jane Linder
- Luis Luna-Reyes
- Pushpal Mukhopadhyay
- Priscilla Nelson
- Donald Norris
- Beth Noveck
- Mourad Ouzzani
- Theresa Pardo
- Timothy Peterson
- Andrew Philpot
- David Pinto
- Catherine Plaisant
- Vincent Price
- Mack Reed
- R. Karl Rethemeyer
- Charles Rothwell
- Colin Rule
- Michael Sable
- Joel Sachs
- Hanan Samet
- Jagan Sankaranarayan
- David Scott
- Alan Sherwood
- Stuart Shulman
- Richard Singh
- Norman Sondheimer
- Niki Steckler
- Tony Stefanidis
- Sue Stendebach
- Donna Stoddard
- Stanley Su
- Kazuya Takahata
- Thomas R. Temin

- Wingyan Chung
- Cary Coglianese
- Noshir Contractor
- Anthony Cresswell
- Steven Crawford
- Isabel Cruz
- Judith Cushing
- Sharon Dawes
- Marshall DeBerry
- Lois Delcambre
- Tibor Dessewffy
- Terry Drizd
- Kristin Eickhorst
- Gamal Fahmy
- Stefan Falke
- Jose Fortes
- Allan Friedman
- Sven Fuhrmann
- Richard Fujimoto
- Andras Galambosi
- Timothy Gallagher
- Alan MacEachren
- Sandor Gabor Majsai
- Raphael Malyankar
- Gary Marchionini
- Julian Marinuf
- Viktor Mayer-Schoenberger
- Brahim Medjahed
- Nathan Michaud
- Scott Midkiff
- Les Miller
- Mary Miniuk
- Laura Mizner
- Karen Mossberger
- Giorgos Mountrakis
- Xiangming Mu
- Christopher Tunnard
- Ozlem Uzuner
- Vijay Venkataraman
- Helen Walston
- William Waltman
- Christopher Weare
- Eric Welch
- Nancy Wiegand
- Lea Williams
- Jennifer Xu
- Yelena Yesha
- Mete Yildiz
- Steve Zavestoski
- Naijun Zhou
- Guoqing Zhou

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This year's National Conference on Digital Government Research is to be held at the [Hyatt Harborside Hotel](#), in Boston, MA.

Hyatt Harborside
101 Harborside Drive
Boston, MA 02128

Reservations: (800)-233-1234 or (617)-568-1234

Be sure to mention "Digital Government Conference" to obtain the conference rate.
Rates are \$159 for Standard Single or Double Occupancy.



What's nearby? [See an area map.](#)

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DGRC is a joint research center of the *Information Sciences Institute at the University of Southern California* and the *Department of Computer Science at Columbia University*.

::: FOCUS :::

The center focuses on four types of activity:

- **Information Technology research:** development of advanced information systems to address critical areas of need for government agencies and citizens in online transactions;
- **Digital Government community building:** organization of the annual **dg.o conferences** that bring together staff from federal, state, and local government, researchers in IT and social sciences, and companies with a commercial interest in Digital Government;
- Production of the monthly newsmagazine **dgOnline**;
- NSF Digital Government program growth: organization of and participation in workshops that help develop new directions for NSF's Digital Government program.

::: ANNUAL CONFERENCE :::

As sponsor of the National Conference on Digital Government Research, the DGRC fosters a support mechanism for hundreds of Digital Government researchers. The next annual conference, dg.o 2006, is to take place May 21-24 in San Diego, CA.

The 2005 conference took place May 15-18, 2005 in Atlanta, GA, and was presented in collaboration with the IEEE Symposium on Intelligence and Security Informatics.

- [dg.o 2006 home page](#)
- **dg.o 2005 proceedings:** [At ACM Digital Library](#) | [Indexed by title in the dg.o Library](#)
- **Proceedings of past conferences:** [2004](#) | [2003](#) | [2002](#) | [2001](#) | [2000](#)
- [dg.o 2005 Conference home page](#)
- [dg.o 2005 Call for Papers and Presentations](#)
- [IEEE/ISI Symposium home page](#)

::: FEATURED RESEARCH :::

DGRC researchers are engaged in several projects exploring two problems presented by the vast amounts of statistical data that must be collected and published by government agencies: The authoring of survey instruments for collecting data, and the public dissemination of the resulting data over the Internet.



ABOUT
CONFERENCES
CONTACT
OUTREACH
PEOPLE
RESEARCH

- Automating the Integration of Heterogeneous Databases - [abstract](#)
- ARGOS: Dynamic Composition of Web Services for Goods Movement Analysis and Planning - [abstract](#) | [article](#)
- "Bringing Complex Data to Users" - [abstract](#) | [article](#)
- "The Energy Data Collection" - [abstract](#) | [report \(.pdf\)](#)

::: EDUCATION & OUTREACH :::

In addition to its research activities, DGRC is involved in important educational efforts in the area of digital government, including:

- DigitalGovernment.org, online home of the NSF's Digital Government grant program
<http://www.digitalgovernment.org>
- The National Conference on Digital Government Research
<http://dgrc.org/dgo2005/>
- **dgOnline**, the monthly newsletter of Digital Government Research <http://digitalgovernment.org/dgonline/>
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DIGITAL GOVERNMENT RESEARCH CENTER

Negroponete slated to address dg.o2003

Multimedia pioneer Nicholas Negroponete is scheduled to deliver a keynote address at 8:30 a.m. Monday to the 2003 National Conference on Digital Government Research.

Here are a few words from his [bio](#):



Nicholas Negroponete is co-founder and chairman of the [MIT Media Laboratory](#), where he is also the Jerome B. Wiesner Professor of Media Technology. The Media Lab is currently supported by 125 [sponsors](#) worldwide, and has led in the development of now-familiar areas such as digital video and multimedia. It continues to focus on the study, invention, and creative use of digital technologies to enhance the way people think, express, and communicate ideas, and explore scientific frontiers.

A graduate of MIT, Professor Negroponete was a pioneer in the field of computer-aided design, and has been a member of the MIT faculty since 1966. He is also author of the 1995 best-seller, [Being Digital](#), which has been translated into more than 40 languages.

In the private sector, Professor Negroponete serves on the board of directors for Motorola, Inc., and as general partner in a venture capital firm specializing in digital technologies for information and entertainment. He has also provided start-up funds for more than 20 companies, including [WiReD](#) magazine. Professor Negroponete helped to establish, and serves as chairman of, the 2B1 Foundation, an organization dedicated to creating a world community focused on building an imaginative, global network of all the world's children.

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Late-breaking news:

- Registration is closed: You can still register in Boston, where [on-site fees will apply](#).
- Videotaping sessions will take place in Parlor 316. Please see Mack Reed (mack@isi.edu) if you need to check or change your appointment.
- Birds of a Feather (BoF) sessions will be held in a variety of rooms, and will be assigned as soon as the sign-up sheets are completed. The room assignments will be announced during Monday's session.
- Isabel Cruz and Joel Sachs will be moderating a "State of the Semantic Web in Digital Government" BoF. The purpose of the session will be for DG researchers to speak for a few minutes, with or without slides, about their semantic web activities. (Questions about, or problems with, the semantic web will also be welcome.)

We'll take a broad view of what constitutes the semantic web, and encourage all researchers to share their work in Open GIS standards, web services, RDF, semantic mediation, and other related technologies. Some questions you might consider addressing are: How is your research contributing to the semantic web? How is your research using semantic web technologies? What problems have you overcome? What problems have you been unable to overcome?

This will be an informal discussion, with 0-4 slides per speaker as our target. If you'd like to speak, please email jsachs@umbc.edu

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Title	Authors	Type
A Framework for Regulation Comparison with Application to Accessibility Codes	Lau, Gloria T.; Law, Kincho H.; Wiederhold, Gio	short
A Framework for the Representation of Geospatial Image Processing Operations	Venkataraman, Vijay	poster
A Geographic Visual Query Composer (GVQC) for Accessing Federal Databases	Guo, Diansheng	short
A Spatio-Temporal Decision Making System for Coastal Change Monitoring and Coastal Management	Ma, Ruijin	demo
A Study on Automatic Ontology Mapping of Categorical Information	Zhou, Naijun	short
Accessing Diverse Geo-Referenced Data Sources with the SAND Spatial DBMS	Sankaranarayanan, Jagan; Tanin, Egemen; Samet, Hanan; Brabec, Frantisek	poster
Agency Internets and the Changing Dynamics of Congressional Oversight	Mahler, Julianne G.; Regan, Priscilla M.	poster
An Integrated Fire, Smoke and Air Quality Network	Falke, Stefan	demo
Assessing the Usefulness and Usability of Online Learning Activities: MapStats for Kids	Fuhrmann, Sven; Bosley, John; Li, Bonan; Crawford, Stephen; MacEachren, Alan; Downs, Roger; Gahegan, Mark	short
Automated Support for Older Adult Accessibility of E-Government Web Sites	Becker, Shirley A.; Nowak, Luke L.	poster
Better Public Policy through National Language Information Access	Katz, Boris; Hurwitz, Roger; Lin, Jimmy J.; Uzuner, Ozlem	long
Building a Terminological Database from Heterogeneous Definitional SOURCES	Muresan, Smaranda; Popper, Samuel D.; Davis, Peter T.; Klavans, Judith L.	short
Citizen's Attitudes about Privacy While Accessing Government and Private Websites: Results of an Online Study	Stolfo, Salvatore J.; Johnson, Eric; Pavlicic, Tomislav; Jan, Stephen	long
Coastal Mapping and Change Detection Using High-Resolution IKONOS Satellite Imagery	Di, Kaichang; Ma, Ruijin; Wang, Jue; Li, Ron	poster
Computer-Assisted Probability Sampling and	Mukhopadhyay, Pushpal	demo
Conception and Implementation of Digital Government Projects: The Role of Knowledge Transfer	scharf, maria	short
COPLINK: Visualization for Crime Analysis	Chen, Hsinchun; Atabakhsh, Homa; Petersen, Tim; Shroeder, Jenny; Buetow, Ty; Chaboya, Luis; O'Toole, Chris; Chau, Michael; Cushna, Tom; Casey, Dan; Huang, Zan	long
COPLINK: Visualization for Crime Analysis	chen, hsinchun	demo
Crime Data Mining: An Overview and Case Studies	Chen, Hsinchun; Chung, Wingyan; Qin, Yi; Chau, Michael; Xu, Jennifer Jie; Wang, Gang; Zheng, Rong; Atabakhsh, Homa	short
Data Exploration with Paired Hierarchical Visualizations: Initial Designs of PairTrees	Kules, Bill; Shneiderman, Ben; Plaisant, Catherine	long
Data Exploration with Paired Hierarchical Visualizations: Initial Designs of PairTrees	Kules, Bill; Shneiderman, Ben; Plaisant, Catherine	demo
Data Swapping: A Risk-Utility Framework and Web Service Implementation	Gomatam, Shanti; Karr, Alan F.; Liu, Chunhua (Charlie); Sanil, Ashish P.	short
Demo: Accessing Diverse Geo-Referenced Data Sources with the SAND Spatial DBMS	Sankaranarayanan, Jagan, Tanin, Egemen and Samet, Hanan and Brabec, Frantisek	demo
Demonstration for The State Cancer Profiles Web Site and Extensions of Linked Micromap Plots and Conditioned Choropleth Map Plots	carr, daniel	demo
Designing a Metadata-Driven Visual Information Browser for Federal Statistics	Kules, Bill; Shneiderman, Ben	long

DGPort: A Web Portal for Digital Government	Yin, Chun Q.; Nickels, L. Dwayne; Chen, Charles Zhi-kai; Ng, T. Gavin; Chen, Hsinchun	short
Digital Citizenship: Parameters of the Digital Divide	Shulman, Stuart W.; Shelley, Mack C.; Thrane, Lisa	short
Distributed Information Retrieval With Skewed Database Size Distributions	Si, Luo; Lu, Jie; Callan, Jamie	long
eGovernment & Internet Security: Some Technical and Policy Considerations	luna-reyes, luis f.	short
Electronic Government at the American Grassroots Ð 2002	Norris, Donald F.	long
Electronic Negotiation of Government Contracts through Transducers	Paliwal, Aabhas V.; Adam, Nabil; Atluri, Vijayalakshmi; Yesha, Yelena	long
Enabling Email Confidentiality through the use of Opportunistic Encryption	Garfinkel, Simson L	short
Enabling Email Confidentiality through the use of Opportunistic Encryption	Garfinkel, Simson	demo
Enabling Transnational Collection, Notification, and Sharing of Information	Cavalli-Sforza, V.; Anton, A.I.; Brooks, O.; Carbonell, J.; Cole, R.; Connolly, R.; Fortes, J.; Herrera, M.; Krsul, I.; McSweeney, C.; Ortega, C.; Su, S.; Towsley, D.; Ventura, J.; Ward, W.	short
EXAMINING THE MOTIVATIONS FOR E-GOVERNMENT FROM AN INSTITUTIONAL THEORY PERSPECTIVE: EVIDENCE FROM TURKEY	yildiz, mete	short
Extending Metadata Definitions by Automatically Extracting and Organizing Glossary Definitions	HOVY, eduard	demo
Extending Metadata Definitions by Automatically Extracting and Organizing Glossary Definitions	Hovy, Eduard; Philpot, Andrew; Klavans, Judith; Germann, Ulrich; Davis, Peter T.; Popper, Samuel D.	short
Extending XML Web Querying to Heterogeneous Geospatial Information	Wiegand, Nancy; Zhou, Naijun; Ventura, Stephen; Cruz, Isabel F.	short
Finding our Future: A Research Agenda for the Research Enterprise	Pardo, Theresa A.; Dawes, Sharon S.; Cresswell, Anthony M. ; Thompson, Fiona; Tayi, Giri K.	poster
Finding Outliers in Models of Spatial Data	Scott, David W.; Christian, J. Blair	long
Free-link Topology Navigation on Statistical Table Objects: Metadata Schema and User Interface	Mu, Xiangming; Marchionini, Gary	short
H2O: Building Communities around Ideas	Zittrain, Jonathan	demo
Helping Users Get Started with Visual Interfaces: Multi-Layered Interfaces, Integrated Initial Guidance and Video Demonstrations	Kang, Hyunmo	demo
Implementation of A Coastal Decision Making System using Internet and Wireless Technologies	Niu, Xutong; Ali, Tarig; Ma, Ruijin; Elaksher, Ahmed; Li, Ron	short
Implementing the Electronic Disbursement of Child Support Payments	Johnson, Craig L.; Pirog, Maureen A.	short
Improving Access to Large Volumes of Online Data	Tanin, Egemen; Samet, Hanan	long
Improving Accessibility and Usability of Geo-referenced Statistical Data	Zhao, Haixia; Shneiderman, Ben; Plaisant, Catherine; Zotkin, Dmitry N., Duraiswami Ramani	demo
Improving Accessibility and Usability of Geo-referenced Statistical Data	Zhao, Haixia; Shneiderman, Ben; Plaisant, Catherine	short
Integration of Multi-Source Spatial Information for Coastal Management and Decision Making	Li, Ron; Bedford, Keith W.; Shum, C.K.; Ramirez, J. Raul; Zhang, Aidong; Elaksher, Ahmed	short
Management Assistance for Work First via a Dynamic Website	Kum, Hye-Chung (Monica)	demo
Managing Heterogeneous Models and Schemas in the Waterway Information Network	Malyankar, R.M.; Shea, K.M.; Spalding, J.W.; Lewandowski, M.J.; Baddam, A.R.	short
MapStats for Kids: Developing and Assessing Web-Based Tools to Foster Geographic and Statistical Literacy in Children	Crawford, Stephen	demo
Methodology and Preliminary Findings towards the Characterization and Evaluation of Non-Line-of-Sight (NLOS) Paths for Fixed Broadband Wireless Communications for Emergency and Disaster Response	Gallagher, Tim; Miniuk, Mary	poster
Multi-source Coastal Data Analysis	Niu, Xutong; Kuo, Chung-yen; Velissariou, Vasilgia; Li, Ron; Bedford, Keith W.; Shum, C.K.	short

New Approaches to Help Users Get Started with Visual Interfaces: Multi-Layered Interfaces and Integrated Initial Guidance	Kang, Hyunmo; Plaisant, Catherine; Shneiderman, Ben	long
Ontology-based Workflow Change Management for Flexible eGovernment Service Delivery	chun, soon-ae	short
Optimized Querying of eGovernment Services	Ouzzani, Mourad; Bouguettaya, Athman; Medjahed, Brahim	poster
Preserving State Government Web Publications -- First-Year Experiences	Jackson, Larry S.	long
Quality Graphics in Web-Based Applications for Summarizing Government Agency Data	Dai, Xiping	demo
Reducing Storage Costs for Federated Search of Text Databases	Lu, Jie; Callan, Jamie	poster
Regulatory Information Management and Compliance Assistance	Kerrigan, Shawn; Heenan, Charles; Wang, Haoyi; Law, Kincho H.; Wiederhold, Gio	long
Resolving Schema and Value Heterogeneities for XML Web Querying	wiegand, Nancy	demo
Scientist, Politician, and Bureaucrat Subcultures as Barriers to Information-Sharing in Government Agencies	Drake, David B.; Koch, Marianne J.; Steckler, Nicole A.	long
Searching With Continuous Query Exploration	Adali, Sibel	demo
Semantic Web Enabled eGovernment Services	Medjahed, Brahim; Bouguettaya, Athman; Ouzzani, Mourad	short
SemView: A Semantic-sensitive Distributed Image Retrieval System	Zhang, Aidong	demo
Social Welfare Program Administration and Evaluation and Policy Analysis Using Knowledge Discovery and Data Mining (KDD) on Administrative Data	Kum, Hye-Chung (Monica); Duncan, Dean; Flair, Kimberly	long
START: A Framework for Facilitating E-Rulemaking	Katz, Boris	demo
Supporting End-users of Statistical Information: The Role of Statistical Metadata in the Statistical Knowledge Network	Hert, Carol A.; Haas, Stephanie W.	short
Table Extraction Using Conditional Random Fields	Pinto, David; McCallum, Andrew; Wei, Xing; Croft, W. Bruce	poster
Technology Implementation Management in Law Enforcement: COPLINK System Usability and User Acceptance Evaluations	Lin, Chienting; Hu, Paul J.; Chen, Hsinchun; Schroeder, Jennifer	short
Testbed for High-Speed End-to-End Communications in Support of Comprehensive Emergency Management	Gallagher, Tim	demo
The Challenging Interface of Technology and Policy: A Case Study of Communications Interoperability	Mayer-Schonberger, Viktor	short
The Effects of E-Government on Trust and Confidence in Government	Tolbert, Caroline; Mossberger, Karen	long
The Effects of Internet Use on Political Participation: Evidence from an Agency Online Discussion Forum	Stanley, J. Woody; Weare, Christopher	long
The Forest Portal: A Multidisciplinary Project	Koch, Marianne; Delcambre, Lois; Tocalino, Patricia; Landis, Eric; Phillips, Fred; Tolle, Tim; Shapiro, Len; Steckler, Nicole; Maier, David; Weaver, Matthew; Bowers, Shawn; Banga, Balbinder; Brewster, Jason; Gutema, Afrem; Murthy, Sudarshan; Howe, Bill; Tummala, Rupa; Norman, Julia; Zillman, Kirsten; Drake, David; Palmer, Craig; Burt, Ashley	poster
The GovStat Ontology	Pattuelli, Maria Cristina; Haas, Stephanie W. ; Brown, Ron T.; Wilbur, Jesse	poster
The Relationship among GIS-Oriented Spatiotemporal Databases	Li, Lixin; Revesz, Peter	poster
The role of a search agent for disenfranchised users	Chatterjee, Mousumi; Adali, Sibel	poster
The State Cancer Profiles Web Site and Extensions of Linked Micromap Plots and Conditioned Choropleth Map Plots	Carr, Daniel B.; Bell, Sue; Pickle, Linda; Zhang, Yuguang; Li, Yaru	short
Time-Series Data Mining in a Geospatial Decision Support System	Li, Dan; Harms, Sherri ; Goddard, Steve; Waltman, William; Deogun; Jitender	poster
Toward a Statistical Knowledge Network	Marchionini, Gary; Haas, Stephanie; Plaisant, Catherine; Shneiderman, Ben; Hert, Carol	long
Towards A Living GIS: Enhancing Digital Democracy through Sustained Citizen Participation	Michaud, Nathan; Brehme, Chris; Snyder, Robert	long

Trust Resource Management in Digital Government Through Process Modeling

Turning to Digital Government in a Crisis

Usability Enforcer and Dottie Software Tools: Promoting E-Government Accessibility for Older Adults

XML Schemas from Computational Ontologies

Osterweil, Lee; Sondheimer, Norman ; Butterfield, Anthony; Clarke, Lori; Marx, Robert; Billmers, Matthew; Sieh, Joel; Southard, Bruce, Su, David poster

Dawes, Sharon S.; Cahan, Bruce B.; Cresswell, Anthony M. short

Becker, Shirley A. demo

Malyankar, Raphael demo

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