

# ACM Information Systems

## SIG Leader Orientation

**Monday, September 30, 2013**



Association for  
Computing Machinery

*Advancing Computing as a Science & Profession*

# ACM Information Systems

2 Penn Plaza, New York, NY 10121



Association for  
Computing Machinery

*Advancing Computing as a Science & Profession*

# ACM Information Systems



## Headquarters Staff

## *24 x 7 Monitoring & Support*

|                         |                                     |                     |                          |
|-------------------------|-------------------------------------|---------------------|--------------------------|
| <b>Wayne Graves</b>     | <b>Director of IS</b>               | <b>212-626-0575</b> | <b>graves@acm.org</b>    |
| <b>Liliana Cintron</b>  | <b>Administrative Assistant</b>     | <b>212-626-0568</b> | <b>cintron@acm.org</b>   |
| <b>Robert Okajima</b>   | <b>Associate Director</b>           | <b>212-626-0576</b> | <b>okajima@acm.org</b>   |
| <b>Asad Ali</b>         | <b>Database Developer</b>           | <b>212-626-0577</b> | <b>ali@acm.org</b>       |
| <b>Chris Guccio</b>     | <b>Senior Programmer Analyst</b>    | <b>212-626-0571</b> | <b>guccio@acm.org</b>    |
| <b>Haritini Kanthou</b> | <b>Senior Web Developer</b>         | <b>212-626-0572</b> | <b>kanthou@acm.org</b>   |
| <b>Mehdi Nadifi</b>     | <b>Web Developer</b>                | <b>212-626-0559</b> | <b>nadifi@acm.org</b>    |
| <b>Adam Greenberg</b>   | <b>Senior Systems Analyst</b>       | <b>212-626-0573</b> | <b>greenberg@acm.org</b> |
| <b>Orlando Bovell</b>   | <b>Technical Support Specialist</b> | <b>212-626-0579</b> | <b>bovell@acm.org</b>    |



# ACM Information Systems



Headquarters Staff

*24 x 7 Monitoring & Support*

|                        |   |  |
|------------------------|---|--|
| <b>SUPPORT</b>         | Technical requests, questions and comments.           | <a href="mailto:ishelpdesk@acm.org">ishelpdesk@acm.org</a>             |
| <b>EMERGENCY</b>       | In case of <u>emergency</u> , IS staff will be paged. | <a href="mailto:urgent@acm.org">urgent@acm.org</a>                     |
| <b>Chapters</b>        | ACM Chapters Coordinator                              | <a href="mailto:local_activities@acm.org">local_activities@acm.org</a> |
| <b>Member Services</b> | Member Services Support                               | <a href="mailto:acmhelp@acm.org">acmhelp@acm.org</a>                   |

# ACM Information Systems

## Data Center *(Cervalis Premium Data Center)*



- 24x7x365 staffed facility
- Managed Firewall
- Network / System Monitoring
- Fully redundant environment
- Managed Hosting and Co-location Services

***Cervalis***



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# ACM Information Systems

## Monitoring

## Performance and Availability Monitoring (AlertSite)

- 24x7 monitoring
- 11 monitoring locations
- Site availability
- Transaction throughput
- Threshold notification
- Web-based reporting

**AlertSite** Regional Breakdown Report

Site Name: The ACM Digital Library 1 From: 2011-09-19 08:00  
 Customer: ACM Thru: 2011-09-20 14:00  
 Locations: Sydney, Chicago, New York, more ...

| Availability Breakdown     |            |             |               |            |          |          |          |          |          |          |
|----------------------------|------------|-------------|---------------|------------|----------|----------|----------|----------|----------|----------|
| Location                   | # Checks   | # Available | % Available   | # Warnings | # Alerts | Connect  | Timeouts | Ping     | DNS      | Other    |
| Sydney, Australia          | 61         | 61          | 100.00        | 0          | 0        | 0        | 0        | 0        | 0        | 0        |
| Chicago, Illinois - Tata   | 61         | 61          | 100.00        | 0          | 0        | 0        | 0        | 0        | 0        | 0        |
| New York, New York - Peer1 | 61         | 61          | 100.00        | 0          | 0        | 0        | 0        | 0        | 0        | 0        |
| Washington, D.C.           | 61         | 61          | 100.00        | 0          | 0        | 0        | 0        | 0        | 0        | 0        |
| Frankfurt, Germany         | 61         | 61          | 100.00        | 0          | 0        | 0        | 0        | 0        | 0        | 0        |
| Singapore                  | 61         | 61          | 100.00        | 0          | 0        | 0        | 0        | 0        | 0        | 0        |
| Dallas, Texas - XO         | 61         | 61          | 100.00        | 0          | 0        | 0        | 0        | 0        | 0        | 0        |
| Hong Kong                  | 62         | 62          | 100.00        | 0          | 0        | 0        | 0        | 0        | 0        | 0        |
| Fremont, California        | 62         | 62          | 100.00        | 0          | 0        | 0        | 0        | 0        | 0        | 0        |
| Fort Lauderdale, FL        | 61         | 61          | 100.00        | 0          | 0        | 0        | 0        | 0        | 0        | 0        |
| London, UK - AboveNet      | 61         | 61          | 100.00        | 0          | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total / Avg</b>         | <b>673</b> | <b>673</b>  | <b>100.00</b> | <b>0</b>   | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

| Response Time and Throughput Breakdown |                          |                           |             |                 |                  |               |                     |                              |  |  |
|--|--------------------------|---------------------------|-------------|-----------------|------------------|---------------|---------------------|------------------------------|--|--|
| Location                               | Throughput<br>Kbytes/sec | Total<br>Response<br>Time | DNS<br>Time | Connect<br>Time | Redirect<br>Time | First<br>Byte | Content<br>Download | Fullpage<br>Response<br>Time |  |  |
| Sydney, Australia                      | 54.9                     | 1.30                      | 0.11        | 0.24            | 0.00             | 0.30          | 0.65                | 3.19                         |  |  |
| Chicago, Illinois - Tata               | 457.0                    | 0.20                      | 0.03        | 0.03            | 0.00             | 0.07          | 0.08                | 0.58                         |  |  |
| New York, New York - Peer1             | 1001.3                   | 0.14                      | 0.00        | 0.01            | 0.00             | 0.09          | 0.04                | 0.61                         |  |  |
| Washington, D.C.                       | 1027.7                   | 0.11                      | 0.00        | 0.01            | 0.00             | 0.06          | 0.03                | 0.27                         |  |  |
| Frankfurt, Germany                     | 107.7                    | 0.62                      | 0.01        | 0.11            | 0.00             | 0.16          | 0.33                | 1.67                         |  |  |
| Singapore                              | 43.9                     | 1.45                      | 0.03        | 0.27            | 0.00             | 0.33          | 0.81                | 3.26                         |  |  |
| Dallas, Texas - XO                     | 257.7                    | 0.31                      | 0.03        | 0.05            | 0.00             | 0.10          | 0.14                | 0.92                         |  |  |
| Hong Kong                              | 46.4                     | 1.29                      | 0.00        | 0.23            | 0.00             | 0.29          | 0.77                | 3.09                         |  |  |
| Fremont, California                    | 151.8                    | 0.44                      | 0.01        | 0.08            | 0.00             | 0.12          | 0.24                | 1.24                         |  |  |
| Fort Lauderdale, FL                    | 262.1                    | 0.27                      | 0.00        | 0.05            | 0.00             | 0.08          | 0.14                | 0.81                         |  |  |
| London, UK - AboveNet                  | 157.1                    | 0.45                      | 0.00        | 0.08            | 0.00             | 0.15          | 0.23                | 1.29                         |  |  |
| <b>Total / Avg</b>                     | <b>324.3</b>             | <b>0.60</b>               | <b>0.02</b> | <b>0.10</b>     | <b>0.00</b>      | <b>0.16</b>   | <b>0.31</b>         | <b>1.54</b>                  |  |  |

| Locations           | Network Providers   |
|---------------------|---|
| Sydney, Australia   | Optus, Telstra, AAPT, MCI   |
| Chicago, Illinois   | Tata  |
| New York, New York  | Cable & Wireless, Global Crossing, Peer1                                    |
| Washington, D.C.    | Peer1   |
| Frankfurt, Germany  | Sprint, Lambdanet, Interoute, Decix   |
| Singapore           | Asia Pacific Back Bone, SingNET/Singtel, SOX, Reach Internet Services, Qala |
| Dallas, Texas       | XO, Savvis  |
| Hong Kong           | HK Telecom and UUnet  |
| Fremont, California | Direct to Mae West  |
| Fort Lauderdale, FL | Verio, Qwest  |
| London, UK          | AboveNet, Level3, Global Crossing, Peer1                                    |

Report Date/Time: 2011-09-19 13:13:44 GMT -5

POWERED BY  
**AlertSite**



# ACM Information Systems

## Systems Support, Development, and Services

- Headquarters Business Systems
  - LAN and Desktop Support
  - Membership, Subscription System
  - Financial System
- Online Services
  - TIP Service
  - Membership Authorization
  - Financial Management Reporting
  - Website Statistics (Scholarly IQ)

# ACM Information Systems

Statistical Reporting – *Scholarly IQ*



- ACM Digital Library
  - DL/Publication reporting
    - COUNTER compliant
  - Overall website reporting
    - Web-based reporting tool





# ACM Information Systems

## Systems Support, Development, and Services

- Online Systems
  - ACM/SIG Join and Renewal Forms
  - MSF SIG Membership Query Interface
  - SIG/Conference Management System
  - Request for Proposal
  - Corporate Sponsors
  - Expense Reimbursement
  - Rights Management
  - Viability Reports
  - Reach Reports

# ACM Information Systems

Systems Support, Development, and Services

- Online Systems (cont'd)
  - Conference Calendar
  - Mailing Labels
  - Call for Papers Calendar
  - Chapters Administrative Interface
  - Local Activities Calendar



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# ACM Information Systems

Systems Support, Development, and Services

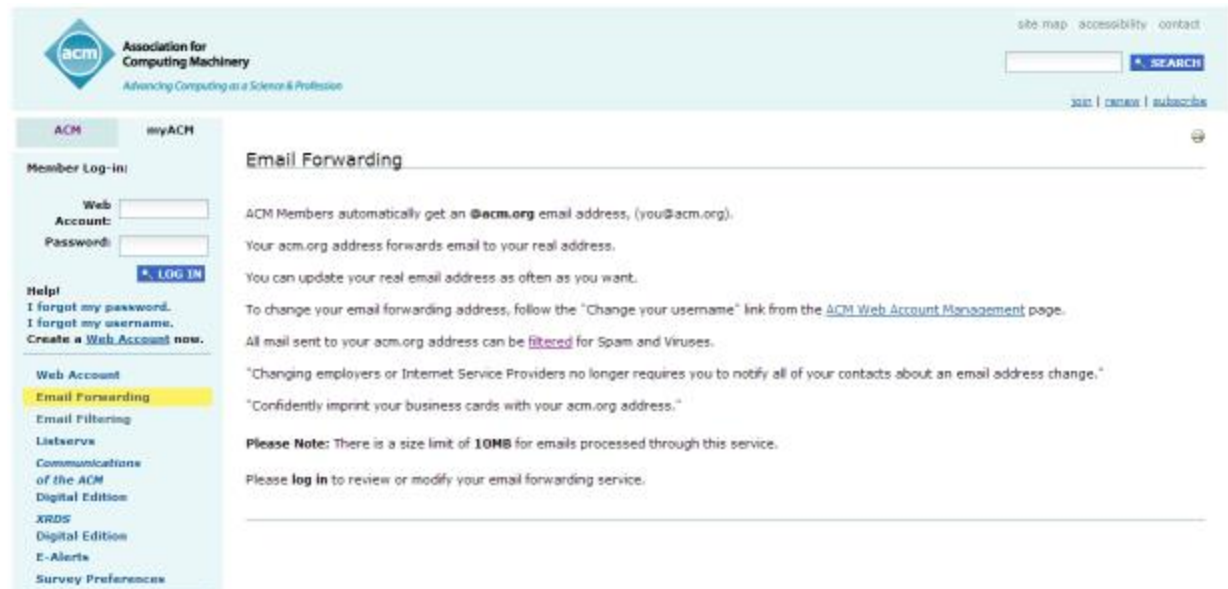
- Online Services
  - Domain Name Service (DNS)
  - Centralized Domain Registration
  - Search Engine (Google Search Appliance)
  - E-Mail Forwarding

# ACM Information Systems

## Email Forwarding

- Permanent Email Address
  - yourname@acm.org
  - Point your forwarding address to your current email address.

*450,000+  
deliveries / day*



The screenshot shows the ACM website's "Email Forwarding" page. At the top, there is the ACM logo and the text "Association for Computing Machinery" and "Advancing Computing as a Science & Profession". A search bar and navigation links (site map, accessibility, contact) are in the top right. Below the header, there are tabs for "ACM" and "myACM". The "Member Log-in" section contains fields for "Web Account:" and "Password:" with a "LOG IN" button. A "Help" section lists links for "I forgot my password.", "I forgot my username.", and "Create a Web Account now.". A "Web Account" menu is on the left, with "Email Forwarding" highlighted. The main content area is titled "Email Forwarding" and contains the following text: "ACM Members automatically get an @acm.org email address, (you@acm.org). Your acm.org address forwards email to your real address. You can update your real email address as often as you want. To change your email forwarding address, follow the 'Change your username' link from the [ACM Web Account Management](#) page. All mail sent to your acm.org address can be [filtered](#) for Spam and Viruses. 'Changing employers or Internet Service Providers no longer requires you to notify all of your contacts about an email address change.' 'Confidently imprint your business cards with your acm.org address.'" A "Please Note:" section states: "There is a size limit of 10MB for emails processed through this service. Please log in to review or modify your email forwarding service."

# ACM Information Systems

## Spam and Virus Filtering – *Google Message Security*

- Member configurable Spam and Virus filtering
  - Service levels:
    - Tag-and-forward
    - Quarantine
    - Quarantine spam, delete virus mail
  - Filters can be turned on or off individually
  - Members can be notified of quarantined messages

*900,000+  
spam/virus messages  
blocked/day*



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A screenshot of the ACM myACM website. The page header includes the ACM logo, the text 'Association for Computing Machinery' and 'Advancing Computing as a Science &amp; Profession', and navigation links for 'site map', 'accessibility', and 'contact'. A search bar is visible in the top right. The main content area is divided into two columns. The left column has a navigation menu with 'ACM' and 'myACM' tabs, and a 'Member Log-in:' section with fields for 'Web Account:' and 'Password:', and a 'LOG IN' button. Below this are links for 'Help!', 'I forgot my password.', 'I forgot my username.', and 'Create a Web Account now.'. The right column is titled 'Email Filtering' with a Postini logo. It contains text stating that ACM has partnered with Postini for spam and virus filtering, and provides links for 'Read the Postini Message Center Quick Start.', 'Use the Postini Header Analyzer tool to see how a particular message was tagged.', and 'Look at the Postini Message Center Help.'. A 'LOG IN' button is also present at the bottom of the right column.

# ACM Information Systems

## Systems Support, Development, and Services

- Online Services (cont'd)
- Web Hosting



- blogs, wikis, forums, social networking applications...
- control panel interface
- Softaculous auto installs

**CMS:** [Drupal](#) & [Joomla](#)

**eCommerce:** [Magento](#), [osCommerce](#) & [Zen Cart](#)

**Blogs:** [WordPress](#), [Movable Type](#) & [Textpattern](#)

**Social Networking:** [Elgg](#) & [Dolphin](#)

**Forums:** [phpBB](#) & [SMF](#)

**Wiki:** [MediaWiki](#) & [TikiWiki](#)



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# ACM Information Systems

## Web Hosting

- Virtual Hosting (signame.org)
  - <http://www.acm.org/signame>  
redirects to  
<http://www.signame.org>  
e.g., <http://www.acm.org/sigmod> redirects to  
<http://www.sigmod.org>

# ACM Information Systems

Systems Support, Development, and Services

## Google Apps for Education

- Gmail, Calendar, Docs, Drive, Groups, Sites, Google+, Hangouts, etc.
- Secure collaboration and sharing
- Runs under "acm.org" domain



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# ACM Information Systems

ACM Web Sites, Web Services

- ACM Web Site
- Learning Center, Webinar Program, Awards
- myACM

# ACM Information Systems

## myACM

- Centralized information management
- Discovery of benefits and functionality
- Single Login
- Integration with other ACM online systems



The screenshot displays the myACM website interface. At the top, there is a navigation bar with the ACM logo and the text "Association for Computing Machinery Advancing Computing as a Science & Profession". A search bar is located on the right side of the header. Below the header, the main content area is divided into several sections:

- Member Log In:** A section with input fields for "Web Account" and "Password", and a "Log In" button. Below this are links for "Forgot my password", "Forgot my username", and "Create a Web Account now".
- Web Account:** A list of links including "Email Forwarding", "Email Filtering", "Utilities", "Communications of the ACM", "Digital Editions", "ACM", "Digital Editions", "E-Alerts", "Survey Preferences", "Digital Library", "Readers", "TOC Service", "Virtual Business Card", and "URL Redirection".
- Most Popular Articles:** A list of links including "Latest in the Digital Library", "Classic Books Series", "Award Winners", "Advanced Member Grades", and "Recipes".
- Calendar of Events:** A link to "Computing Classification System".
- ACM Blogs:** A link to "TechNews", "MemberNet", and "ACM Is The News".

The main content area features several blog feeds:

- ACM Blogs:** A section titled "Commensalities of the ACM Blogs" with a description and a "Read posts" link.
- acmqueue Blogs:** A section titled "acmqueue" with a description and a "Read posts" link.
- eLearn Magazine:** A section titled "eLearn Magazine" with a description and a "Read posts" link.
- ACM U.S. Tech Policy Blog:** A section titled "ACM U.S. Tech Policy Blog" with a description and a "Read posts" link.
- ACM Broadside Magazine Blog:** A section titled "ACM Broadside Magazine Blog" with a description and a "Read posts" link.
- XBSIS: Crossroads, The ACM Magazine for Students:** A section titled "XBSIS: Crossroads, The ACM Magazine for Students" with a description and a "Read posts" link.



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# ACM Information Systems



## Web Services

- Member Authentication
  - ACM Web Account
  - ACM DL Session Integration
  - Personalized Information
- Data feeds (XML, JSON)
- real-time content
  - SIG Chapters
  - Calendar of Events

The screenshot displays the ACM SIGGRAPH website interface. At the top, there is a navigation bar with links for 'About', 'Contact', 'Member Login', and 'Join'. A search bar is also present. Below the navigation bar, the ACM SIGGRAPH logo is visible, along with a menu of options: 'Connect', 'Participate', 'Learn', 'Discover', and 'Attend'. The main content area is titled 'Professional Chapters' and lists several chapters with their respective details:

- Bangalore ACM SIGGRAPH Chapter:** Address: C/o Ankay Dattani B-181, Sakha Housing Complex Outer Ring Road, Bangalore, 560011, India. Phone: +91 80 4209 499. Fax: +91 80 4209 499. Chat: Ankay Dattani.
- Bangkok ACM SIGGRAPH Chapter:** Address: 90/9-13 Rajyodhaya Rd., Jittham Thani, 10111 - Thailand. Phone: 662 206 2735. Fax: 662 958 0187. Chat: Pavee Sompong.
- Beijing ACM SIGGRAPH Chapter:** Address: 10 Wenhui Garden, 2010 Haidian District, Beijing, 100088 - China. Phone: +86 10 6176 9904. Fax: 011-86-10-6860 2607. Chat: Dr. Leen-Yongjing Bao.
- Bogota ACM SIGGRAPH Chapter:** Address: Carrera 11 No 94-00 L18Bogota - Colombia. Phone: 571 2762 299 4380. Fax: +57 1 2762 299 4380. Chat: M. Fernando Sarmiento.
- Buenos Aires ACM SIGGRAPH Chapter:** Address: Colsada 6046, Buenos Aires, 1414 - Argentina. Phone: 54 11 4773900. Fax: 54 11 6777000. Chat: M. Alejandro Di Pietro.
- Caracas ACM SIGGRAPH Chapter:** Address: Av. Bicentenario, Edif. Pinar Trunk, Apt. 236, San Bernardino, Caracas, 1013A - Venezuela. Phone: +58 454 262 1409. Fax: 00212 808 78 87. Chat: Victor C. Rodriguez.

On the right side of the page, there is a sidebar with a 'Join the Online' section containing links for 'Chapters', 'Professional Chapters', 'Student Chapters', 'Starting a Chapter', 'Chapters Committee', and 'Chapters Location Map'. Below this, there are links for 'Digital Art', 'Education', 'CG Pioneers', 'Student Services', and 'Social Networks'. At the bottom right, there are two promotional images: one for 'SIGGRAPH 2014' and another for 'SIGGRAPH 2014' with the text 'SIGGRAPH 2014' and 'SIGGRAPH'.

# ACM Information Systems



## Mailing Lists

- SIG Member Lists
  - Members are automatically placed on these lists and sent a welcome message.  
[signature-members@acm.org](mailto:signature-members@acm.org)  
e.g., [sigmobile-members@acm.org](mailto:sigmobile-members@acm.org)
- TechNews
  - ACM, SIGCHI
- List Management
  - Open / Closed Lists
  - Announcement / Discussion Lists
  - Moderated / Edited / Private / Lists of Lists
  - Archived to a Web interface, many more features



# ACM Information Systems

## Mailing Lists – Chapters

- Chapter Members' Lists:  
[chaptername-members@acm.org](mailto:chaptername-members@acm.org)  
e.g., [sigchi-spain-members@acm.org](mailto:sigchi-spain-members@acm.org)
- Chapter Officers' Lists:  
[chaptername-officers@acm.org](mailto:chaptername-officers@acm.org)  
e.g., [sigchi-spain-officers@acm.org](mailto:sigchi-spain-officers@acm.org)
- Chapter Leaders' List:  
[chapter-leaders@acm.org](mailto:chapter-leaders@acm.org)

# ACM Information Systems

## Digital Library

- Full text of every article published by ACM and bibliographic citations from major publishers in computing.



The screenshot shows the ACM Digital Library homepage. At the top left is the logo 'ACM DL DIGITAL LIBRARY'. To the right is a search bar with a 'SEARCH' button and links for 'SIGN IN' and 'SIGN UP'. Below the logo, a main heading reads 'Full text of every article ever published by ACM and bibliographic citations from major publishers in computing.' This is followed by two bullet points: 'Using the ACM Digital Library' and 'For Consortia Administrators'. A section titled 'Announcements' features a bullet point for 'JOINT IEEE/ACM TRANSACTIONS TO LAUNCH 2014', with a paragraph of text below it. Further down, a section 'Recently loaded issues and proceedings:' lists several journal issues with their volume and issue numbers. On the right side, there are several navigation links: 'Advanced Search', 'Browse the ACM Publications' (with sub-links for Journals/Transactions, Magazines, and Proceedings), 'Browse the Special Interest Groups' (with a link for Special Interest Groups (SIGs)), 'Browse the Conferences' (with links for Recent and Upcoming Conferences and Conference Listing), 'Browse the Special Collections' (with links for eBooks, ACM International Conference Proceeding Series (ICPS), Classic Book Series, and ACM Oral History interviews), 'Browse the Publications by Affiliated Organizations', 'Browse all literature by type' (with a dropdown menu), 'Browse all literature by Publisher', and 'Browse by the ACM Computing Classification System'. At the bottom right, there are promotional boxes for 'The Encyclopedia of Computer Science' and 'Institutional Profile Pages Beta'. A 'Computing Reviews' box is also present. At the bottom of the page, there are links for 'Join ACM', 'Join SIGs', 'Subscribe to Publications', and 'Institutions & Libraries', along with a 'Send us your Feedback' link. The footer contains the text: 'The ACM Digital Library is published by the Association for Computing Machinery. Copyright © 2013 ACM, Inc.' and links for 'Terms of Usage', 'Privacy Policy', 'Code of Ethics', and 'Contact Us'.

# ACM Information Systems

## Digital Library

- Aggregated Views
  - Author
  - Institutional
  - SIG
  - Conference
  - Publication
  - Customized



Association for  
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**ACM Special Interest Groups**

 **SIGCHI** [Special Interest Group on Computer-Human Interaction](#)

The ACM Special Interest Group on Computer-Human Interaction is the world's largest association of professionals who work in the research and practice of computer-human interaction. We are an interdisciplinary group of computer scientists, software engineers, psychologists, interaction designers, graphic designers, sociologists, and anthropologists, just to name some of the domains whose special expertise come to bear in this area. What brings us together is a shared understanding that designing useful and usable technology is an interdisciplinary process, and when done properly, it has the power to transform persons' lives. SIGCHI has over 60 active local chapters across five continents, to promote local support networks for HCI professionals. SIGCHI members receive registration discounts to SIGCHI-sponsored and co-sponsored conferences, a subscription to "Interactions" magazine, and a print and online subscription to the "SIGCHI Bulletin." SIGCHI membership also grants access to all SIGCHI publications in the ACM Portal.

Search within SIGCHI:

[About SIGCHI](#) [Award Winners](#) [Authors](#) [Affiliations](#) [Upcoming Conferences](#) [Publication Archive](#)

**SIGCHI subject areas**

[Computer-supported cooperative work](#)  
[Evaluation/methodology](#) General  
[Graphical user interfaces](#) [Group and Organization Interfaces](#)  
[Human factors](#) Input devices and strategies  
[Interaction styles](#) [Miscellaneous](#)  
[User Interfaces](#) Theory and methods [User](#)  
[User interfaces](#) [User-centered design](#) [User/Machine Systems](#)

**Bibliometrics: publication history**

|                               |            |
|-------------------------------|------------|
| Publication years             | 1982-2013  |
| Publication count             | 30,689     |
| Citation Count                | 176,314    |
| Available for download        | 30,204     |
| Downloads (6 Weeks)           | 184,603    |
| Downloads (12 Months)         | 1,810,852  |
| Downloads (cumulative)        | 12,133,266 |
| Average downloads per article | 401.71     |
| Average citations per article | 5.75       |

**Top 10 Downloaded Articles (past 6 weeks)** / [Top 10 Most Cited Articles](#)

1. [30 years at the University of Maryland's human-computer interaction lab \(HCI-L\) - 2013](#)  
Ben Shneiderman, Kent Norman, Catherine Plaisant, Benjamin B. Bederson, Allison Druin, Jennifer Golbeck  
Downloaded 515 times
2. [Explaining collaborative filtering recommendations - 2000](#)  
Jonathan L. Herlocker, Joseph A. Konstan, John Riedl  
Downloaded 466 times
3. [Predicting tie strength with social media - 2009](#)  
Eric Gilbert, Karrie Karahalios  
Downloaded 331 times
4. [The magical features of immersive audiovisual environments - 2013](#)  
Rodrigo Carvalho  
Downloaded 302 times
5. [From game design elements to gameness: defining "gamification" - 2011](#)  
Sebastian Deterding, Dan Dixon, Rilla Khaled, Lennart Nacke  
Downloaded 281 times
6. [The many faces of facebook: experiencing social media as performance, exhibition, and personal archive - 2013](#)  
Yuan Zhao, Niloufar Salehi, Sasha Naranjit, Sara Alwaalan, Stephen Voids, Dan Cosley  
Downloaded 276 times
7. [Gamification using game-design elements in non-gaming contexts - 2011](#)  
Sebastian Deterding, Miquel Sicart, Lennart Nacke, Kenton O'Hara, Dan Dixon  
Downloaded 236 times
8. [Understanding, scoping and defining user experience: a survey approach - 2009](#)  
Effe Lal-Chong Law, Viraj Roto, Marc Hassenzahl, Arnold P.O.S. Vermeeren, Joke Kort  
Downloaded 235 times
9. [UMUX-LITE: when there's no time for the SUS - 2013](#)  
James R. Lewis, Brian S. Utesch, Deborah E. Maher  
Downloaded 216 times
10. [Falling asleep with Angry Birds, Facebook and Kindle: a large scale study on mobile application usage - 2011](#)  
Matthias Röhmer, Brent Hecht, Johannes Schöning, Antonio Krüger, Gernot Bauer  
Downloaded 204 times

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# ACM Information Systems

## Digital Library

- Aggregated Views
  - Author
  - Institutional
  - SIG
  - Conference
  - Publication
  - Customized

The screenshot shows the ACM Digital Library author profile for Brad A. Myers. The profile includes a photo, contact information (homepage, bam@cs.cmu.edu), and an affiliation history listing Palo Alto Research Center, University of Toronto, Carnegie Mellon University, Stanford University, InterAction, and IEEE. A 'Bibliometrics' table shows publication history from 1983-2013, with 261 publications, 4,227 citations, and 130,888 downloads. The profile also features an 'acm Fellow' badge, a search bar with 261 results, and a list of publications. The publications list includes 'The role of engineering work in CHI', 'In search of learning: facilitating data analysis in educational games', 'ConstraintJS: programming interactive behaviors for the web by integrating constraints and states', and 'Active code completion'. Each publication entry provides details like authors, dates, publishers, and bibliometrics.

| Publication years             | 1983-2013 |
|-------------------------------|-----------|
| Publication count             | 261       |
| Citation Count                | 4,227     |
| Available for download        | 175       |
| Downloads (6 Weeks)           | 1,213     |
| Downloads (12 Months)         | 11,161    |
| Downloads (cumulative)        | 130,888   |
| Average downloads per article | 747.93    |
| Average citations per article | 16.20     |

| Year | Title   | Authors   | Publisher | Downloads (6 Weeks) | Downloads (12 Months) | Citation Count |
|------|---|---|-----------|---------------------|-----------------------|----------------|
| 2013 | The role of engineering work in CHI   | Philippe Palanque, Fabio Paternò, Jeffrey Nichols, Nuno J. Nunes, Brad A. Myers | ACM       | 11                  | 36                    | 0              |
| 2013 | In search of learning: facilitating data analysis in educational games                            | Erik Harpstead, Brad A. Myers, Vincent Alevan                                   | ACM       | 108                 | 300                   | 0              |
| 2012 | ConstraintJS: programming interactive behaviors for the web by integrating constraints and states | Stephen Oney, Brad Myers, Joel Brandt   | ACM       | 8                   | 202                   | 0              |
| 2012 | Active code completion  | Cyrus Omar, YoungSeok Yoon, Thomas D. LaToza, Brad A. Myers                     | ACM       | 8                   | 202                   | 0              |



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# ACM Information Systems

## Digital Library

- Aggregated Views
  - Author
  - Institutional
  - SIG
  - Conference
  - Publication
  - Customized

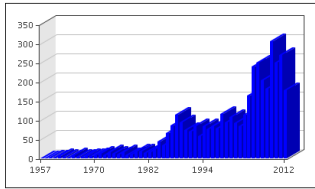
ACM DL DIGITAL LIBRARY

INSTITUTIONAL PROFILE: [New York University](#)

What is an Institutional Profile? BETA

About Award Winners Authors Collaborative Institutions Publication Archive ACM SIGs Papers

Published items by year



Bibliometrics: publication history

Switch to overall percentile

|                               |           |
|-------------------------------|-----------|
| Publication years             | 1957-2013 |
| Publication count             | 2,564     |
| Citation Count                | 30,627    |
| Available for download        | 1,487     |
| Downloads (6 Weeks)           | 7,794     |
| Downloads (12 Months)         | 73,036    |
| Downloads (cumulative)        | 676,612   |
| Average downloads per article | 461.22    |
| Average citations per article | 11.95     |

Subject Areas

[Biology And Genetics](#) [Computational Geometry And Object Modeling](#)  
[Computer Uses In Education](#) [Data Mining](#) [Database Applications](#) [Distributed Systems](#) [Geometrical Problems And Computations](#) [Graph Theory](#) [Information Search And Retrieval](#) [Language Classifications](#) [Multiple Data Stream Architectures](#) [Natural Language Processing](#) [Network Architecture And Design](#) [Nonnumerical Algorithms And Problems](#) [Optimization](#) [Software/Program Verification](#) [Systems](#) [Three-Dimensional Graphics And Realism](#) [User Interfaces](#)

Most Downloaded Articles (past 6 weeks) / Most Cited Articles

1. [Metamorphosis: the Coming Transformation of Translational Systems Biology](#) - 2009  
Samantha Kleinberg, Rud Mishra  
Downloaded 309 times
2. [Low-cost multi-touch sensing through frustrated total internal reflection](#) - 2005  
Jefferson Y. Han  
Downloaded 159 times
3. [The measurement of user information satisfaction](#) - 1983  
Blake Ives, Maronette H. Olson, Jack J. Baroud  
Downloaded 159 times
4. [Analysing the Amazon Mechanical Turk marketplace](#) - 2010  
Panagiotis G. Ipeirotis  
Downloaded 155 times
5. [Classification: the televisual image of the city](#) - 2012  
Yuchiro Takeuchi, Ken Perlin  
Downloaded 69 times
6. [The politics of "real names"](#) - 2012  
Danah Boyd  
Downloaded 68 times
7. [Get another label? improving data quality and data mining using multiple noisy labelers](#) - 2008  
Victor S. Sheng, Foster Provost, Panagiotis G. Ipeirotis  
Downloaded 55 times
8. [Quality management on Amazon Mechanical Turk](#) - 2010  
Panagiotis G. Ipeirotis, Foster Provost, Jina Wang  
Downloaded 54 times
9. [Incorporating contextual information in recommender systems using a multidimensional approach](#) - 2005  
Gediminas Adomavicius, Ramesh Sankaranarayanan, Shahana San, Alexander Tuzhilin  
Downloaded 53 times
10. [Efficient cooperative backup with decentralized trust management](#) - 2012  
Nguyen Tran, Frank Chiang, Jinyang Li  
Downloaded 49 times

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## Digital Library

- Aggregated Views
  - Author
  - Institutional
  - SIG
  - Conference
  - Publication
  - Customized



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**ACM Conferences - past 12 months** [expand map](#)



**Upcoming Conferences**

BCB'13 ACM/BCB2013  
September 22 - 25, 2013  
Washington, DC, USA

ICFP'13 ACM SIGPLAN International Conference on Functional Programming  
September 25 - 27, 2013  
Boston, MA, USA

MODELS '13 ACM/IEEE 16th International Conference on Model Driven Engineering Languages and Systems (formerly UML)  
September 29 - October 04, 2013  
Miami, FL, USA

ESWEEK'13 Ninth Embedded System Week  
September 29 - October 04, 2013  
1 Place du Canada, Montreal, QC, Canada

ACM Conference Proceedings - past 12 months: Filter by  [\[conference listing\]](#) | [\[proceeding listing\]](#)

| Conference Acronym | Proceeding Title   | SIG Sponsors    | Year |
|--------------------|--|-----------------|------|
| AAMAS '13          | Proceedings of the 2013 international conference on Autonomous agents and multi-agent systems  | SIGART          | 2013 |
| ACES-MB '12        | Proceedings of the 5th International Workshop on Model Based Architecting and Construction of Embedded Systems                               | SIGSOFT         | 2012 |
| ACM DEV '13        | Proceedings of the 3rd ACM Symposium on Computing for Development  |                 | 2013 |
| ACM/E '13          | Proceedings of the workshop on ACademics Tooling with Eclipse  | SIGSOFT SIGPLAN | 2013 |
| ACM/SE '13         | Proceedings of the 51st ACM Southeast Conference   |                 | 2013 |
| ACSAC '12          | Proceedings of the 28th Annual Computer Security Applications Conference   |                 | 2012 |
| ADAPT '13          | Proceedings of the 3rd International Workshop on Adaptive Self-Tuning Computing Systems  |                 | 2013 |
| ADCS '12           | Proceedings of the Seventeenth Australasian Document Computing Symposium   | SIGIR           | 2012 |
| ADKDD '13          | Proceedings of the Seventh International Workshop on Data Mining for Online Advertising  | SIGKDD SIGMOD   | 2013 |
| ADSS '13           | Proceedings of the Agent-Directed Simulation Symposium   | SIGSIM          | 2013 |
| AGERE' '12         | Proceedings of the 2nd edition on Programming systems, languages and applications based on actors, agents, and decentralized control abstrac | SIGPLAN         | 2012 |
| AH '13             | Proceedings of the 4th Augmented Human International Conference  | SIGCHI          | 2013 |
| AINTEC '12         | Proceedings of the Asian Internet Engineering Conference   | SIGCOMM         | 2012 |
| AISec '12          | Proceedings of the 5th ACM workshop on Security and artificial intelligence  | SIGSAC          | 2012 |
| AM '12             | Proceedings of the 7th Audio Mostly Conference: A Conference on Interaction with Sound   |                 | 2012 |
| AMT '12            | Proceedings of the First Workshop on the Analysis of Model Transformations   | SIGSOFT         | 2012 |
| AMVA '12           | Proceedings of the 2012 ACM international workshop on Audio and multimedia methods for large-scale video analysis                            | SIGMULTIMEDIA   | 2012 |
| ANIC '13           | Proceedings of the second ACM Mobile workshop on Airborne networks and communications  | SIGMOBILE       | 2013 |
| ANCS '12           | Proceedings of the eighth ACM/IEEE symposium on Architectures for networking and communications systems                                      | SIGARCH SIGCOM  | 2012 |
| ANSS '13           | Proceedings of the 48th Annual Simulation Symposium  | SIGSIM          | 2013 |

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# ACM Information Systems

## Digital Library

- Value-added Services
- Guided Navigation
- Upcoming Conferences
- Binders
- Reviews
- Table of Contents Service
- Bibliometrics

The screenshot displays the ACM Digital Library interface for a specific article. At the top, the logo 'ACM DL DIGITAL LIBRARY' is visible alongside a search bar and 'SIGN IN'/'SIGN UP' links. The article title is 'Gender, topic, and audience response: an analysis of user-generated content on facebook'. Below the title, there are options to view the full text as a PDF or to purchase the article. The authors listed are Yi-Chia Wang (Carnegie Mellon University), Moira Burke (Facebook, Inc.), and Robert E. Kraut (Carnegie Mellon University). The article is published in the 'CHI '13 Proceedings of the SIGCHI Conference on Human Factors in Computing Systems', pages 31-34, published by ACM in New York, NY, USA in 2013. Bibliometric data shows 127 downloads in 6 weeks and 430 downloads in 12 months. A video player is embedded in the abstract, showing a Facebook interface with a post about death and a video player with the title 'How about if a woman posts get?'. The video player has a progress bar at 0:00 / 0:32. At the bottom of the page, it is noted that the library is powered by 'THE ACM GUIDE TO COMPUTING LITERATURE' and published by the Association for Computing Machinery, with copyright © 2013 ACM, Inc. Links for Terms of Usage, Privacy Policy, Code of Ethics, and Contact Us are provided.

# ACM Information Systems

## Digital Library

- Value-added Services
- Forward and Reverse references
- Exportable formats
- Links to online book sellers
- OpenURL/SFX Integration
- Federated search participation
- Athens/Shibboleth Identity
- Remote Access
- Author-Izer Links



The screenshot displays the ACM Digital Library interface for a specific article. At the top, the 'ACM DL DIGITAL LIBRARY' logo is visible, along with a search bar and 'SIGN IN'/'SIGN UP' links. The article title is 'Gender, topic, and audience response: an analysis of user-generated content on facebook'. Below the title, there are options to view the full text as a PDF or to buy the article. The authors listed are Yi-Chia Wang (Carnegie Mellon University), Moira Burke (Facebook, Inc.), and Robert E. Kraut (Carnegie Mellon University). The article is published in the CHI '13 Proceedings of the SIGCHI Conference on Human Factors in Computing Systems, pages 31-34. Bibliometric data shows 127 downloads in 6 weeks and 430 cumulative downloads. A 'Tools and Resources' sidebar on the right includes options to buy the article, request permissions, save to binder, and export formats. A video player is embedded in the abstract area, showing a thumbnail with the text 'How about if a woman posts get?'. The footer of the page states it is powered by 'THE ACM GUIDE TO COMPUTING LITERATURE' and provides copyright information for 2013 ACM, Inc., along with links for terms of usage, privacy policy, code of ethics, and contact us.

# ACM Information Systems

## Digital Library

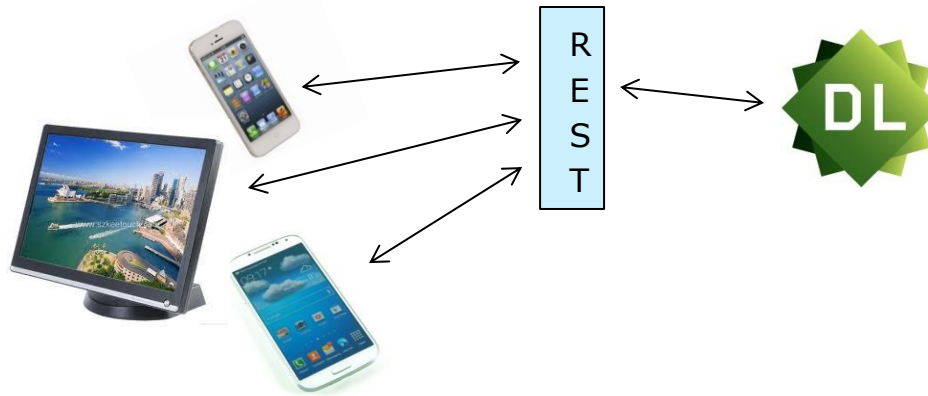
- Shortcut URLs
  - SIGs
    - e.g., <http://dl.acm.org/sigmod>
  - Newsletters
    - e.g., <http://dl.acm.org/sigmod/newsletter>
    - <http://dl.acm.org/sigmod/newsletter/current>
    - <http://dl.acm.org/sigmod/newsletter/archive>
  - Proceedings
    - e.g., <http://dl.acm.org/proceedings/kdd>
    - <http://dl.acm.org/proceedings/kdd/current>
    - <http://dl.acm.org/proceedings/kdd/archive>



# ACM Information Systems

## Digital Library

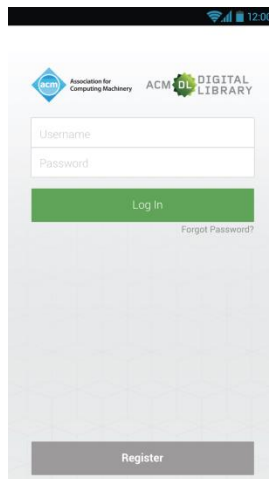
- API
  - RESTful Web Service
    - Expose the DL data model
    - Extend the model to include conference programs



# ACM Information Systems

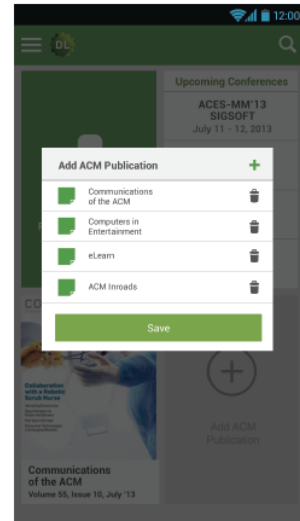
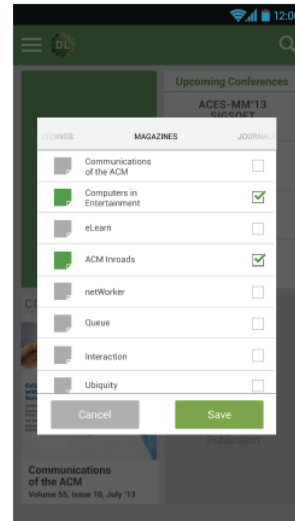
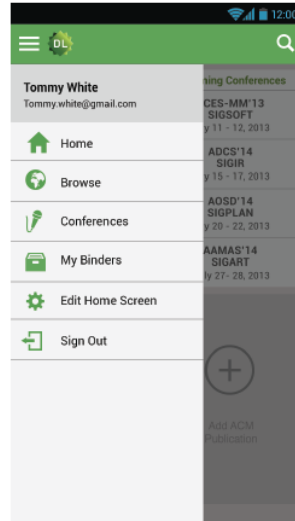
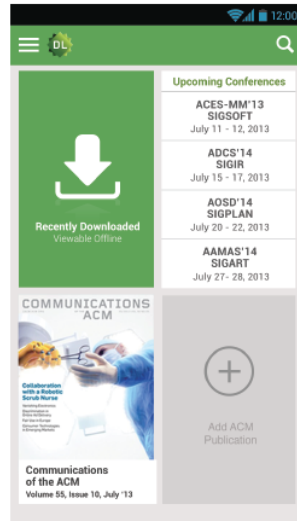
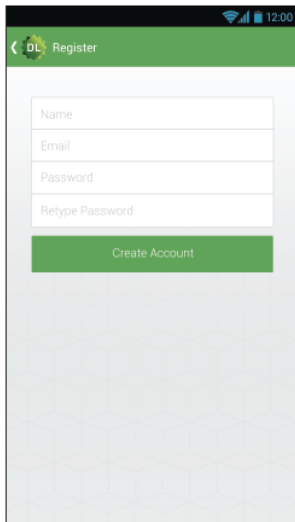
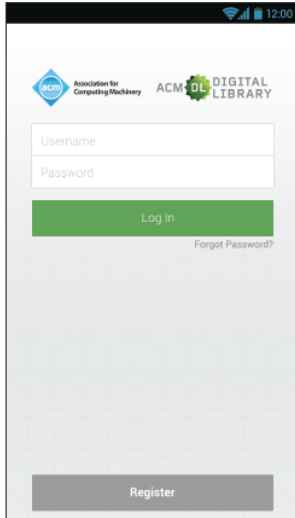
## Digital Library

- App
  - Dogfooding
    - iPhone
    - Android Phone



# ACM Information Systems

## Digital Library App

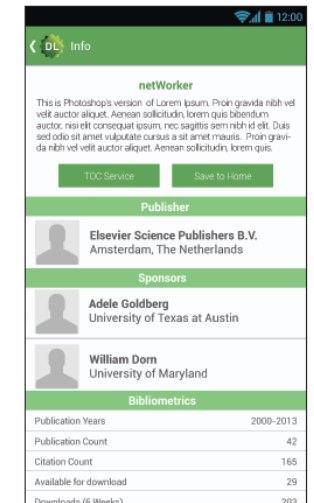
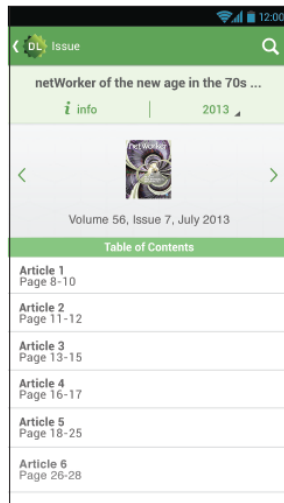
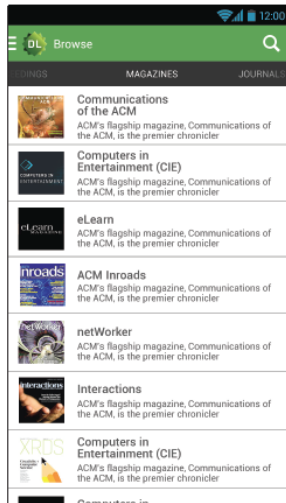
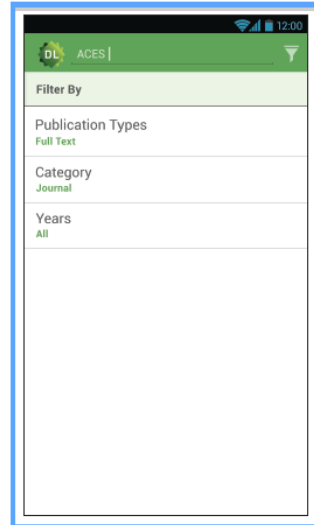
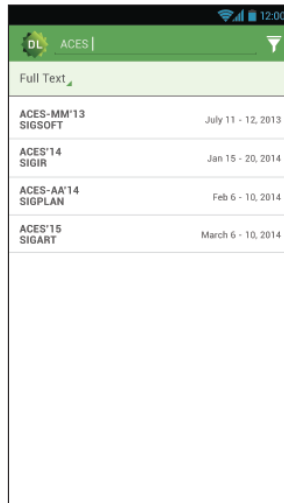




# ACM Information Systems



## Digital Library App



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The first screenshot is highlighted with a blue border. It shows the article title, a video player, and various action buttons like 'Download', 'Comments', 'Save to Binder', and 'Share'. Below the video is a paragraph of Lorem Ipsum text and a list of tags: 'Fine Art, Computer Uses in Education, Consumer product, Performing arts, User Interface, Video, Usercentered design'.

The second screenshot shows the 'Bibliometrics' section with a table of statistics:

| Bibliometrics                 |           |
|-------------------------------|-----------|
| Publication Years             | 2000-2013 |
| Publication Count             | 42        |
| Citation Count                | 165       |
| Available for download        | 29        |
| Downloads (6 Weeks)           | 203       |
| Downloads (12 Months)         | 1,798     |
| Downloads (cumulative)        | 11,816    |
| Average Downloads per article | 407.45    |
| Average citations per article | 3.93      |

The third screenshot shows the 'Publisher' and 'Sponsors' sections. The publisher is Elsevier Science Publishers B.V. Sponsors include Adele Goldberg (University of Texas at Austin), William Dorn (University of Maryland), Jon Bentley (Unisys), and Jean Sammet (IBM).

The fourth screenshot shows a list of articles from the volume, including 'Article 1' through 'Article 10' with their respective page ranges.

The fifth screenshot shows the 'Publications' section, listing 'netWorker' and 'JACM' with their respective ISSN and E-ISSN numbers, and a 'References' section with an entry for 'Integrating sized and dependent types' by Andreas Abel and Robert Glass.

The first screenshot shows a 'Download' modal dialog with options for 'Full Text', 'Front & Back Matter', and 'PDF'. The 'Download' button is highlighted in green.

The second screenshot shows a 'My Binders' modal dialog listing 'Recently Downloaded', 'For Work', 'Jay's Binder', and 'Must Read' items, each with a 'Save to computer' option.

The third screenshot shows the article content with a comment section. Comments from 'Tommy Su' and 'Peter Wood' are visible, along with a 'Comment' input field.

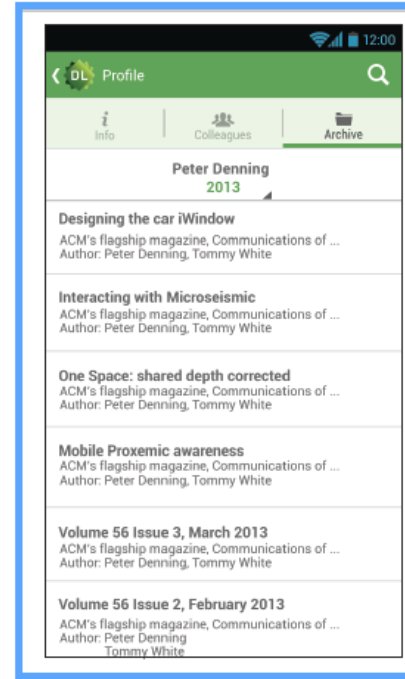
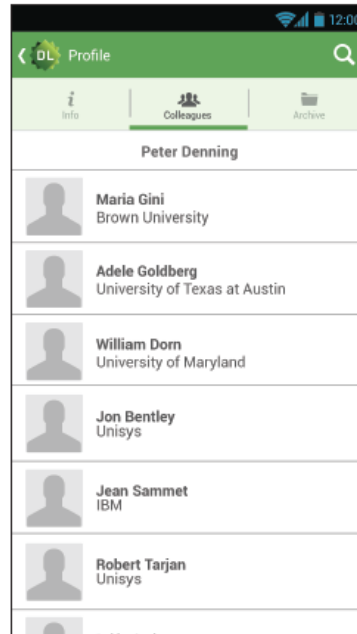
The fourth screenshot shows a 'Share to...' modal dialog with options for Facebook, Twitter, Messaging, and Email.

The fifth screenshot shows the article content with a 'Tags' section: 'Fine Art, Computer Uses in Education, Consumer product, Performing arts, User Interface, Video, Usercentered design, Multimedia Information System'.



# ACM Information Systems

## Digital Library App

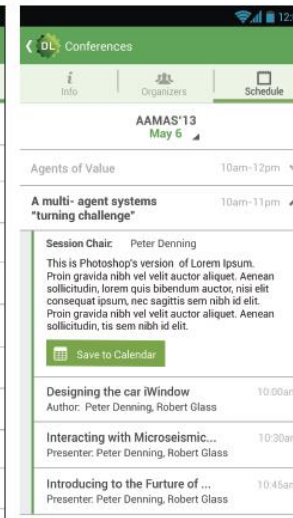
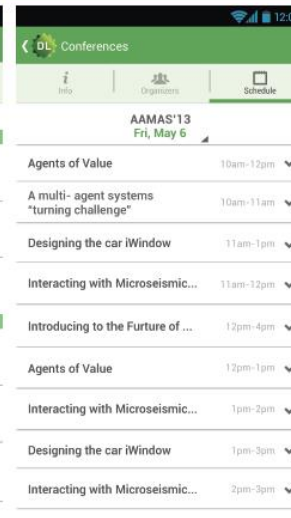
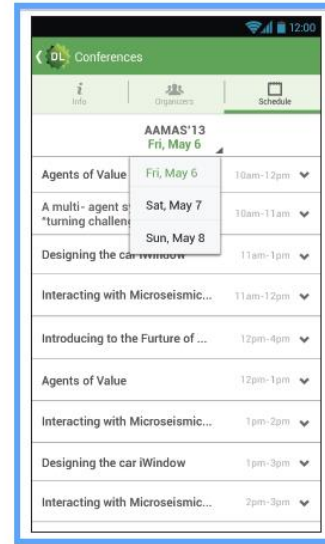


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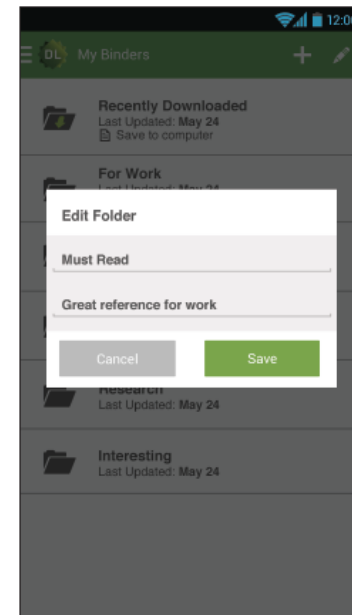
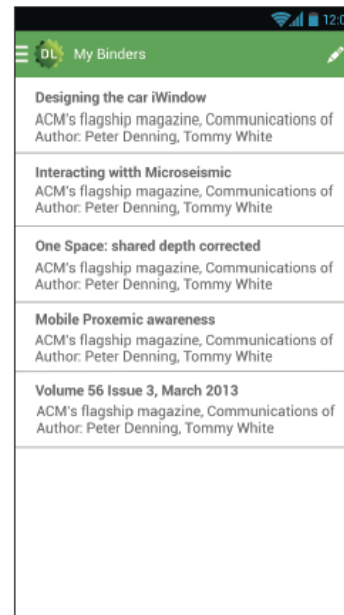
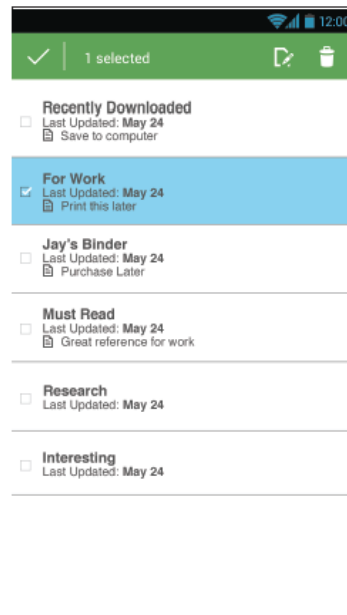
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## Digital Library App



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## ACM Information Systems September 30, 2013



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