

SIG Orientation: Publications

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Association for
Computing Machinery

Advancing Computing as a Science & Profession

TOPICS

- Publications Program Overview
- New Publishing and Access Policies
- Starting New Publications
- EICs – Selection and Appointment Process
- CCS 2012
- ACM Supported Publishing-related Organizations
- ACM Digital Library Sales
- ACM Magazines
- ACM Books
- Q&A



Publications Program Overview

- Publications Board
- Genres
- Proceedings in Journals Policy



Publications Program Overview: Publications Board



- Overall responsibility for ACM publications
 - Sets general publishing policies
 - <http://www.acm.org/publications/policies/policies-toc>
 - Directly oversees journals, transactions, magazines
 - Digital Library is official publishing platform
 - SIGs oversee SIG proceedings and newsletters
 - Set their standards within publishing policy framework established by Publications Board
- Current Composition
 - Co-chairs: Jack Davidson and Joseph Konstan
 - SIG Liaison: Patrick Madden
- Workload and Restructuring



Publications Program Overview

Genres

Primarily distinguished by review process

Also by type and length of material, production process, and oversight

- Journals and Transactions
- Magazines
- SIG Proceedings
 - Sponsored
 - In-cooperation
- Newsletters
- ICPS - http://www.acm.org/publications/icp_series
- Books
- Other: TechPacks, Webinars, Selected Readings In Series...
<http://techpack.acm.org/> <http://learning.acm.org/>



Publications Program Overview: Proceedings in Journals Policy



- Unique importance of proceedings in CS
- Pressure to have journal publications
 - Journal Impact Factors
- Evolution
 - Works-in-progress vs final results
 - Grey literature vs archival publications
 - Time to publication
 - Acceptance rates
- Key distinction: deadline-driven vs open-ended peer review and author revision cycle
- HiPEAC – TACO model: journal-first publication

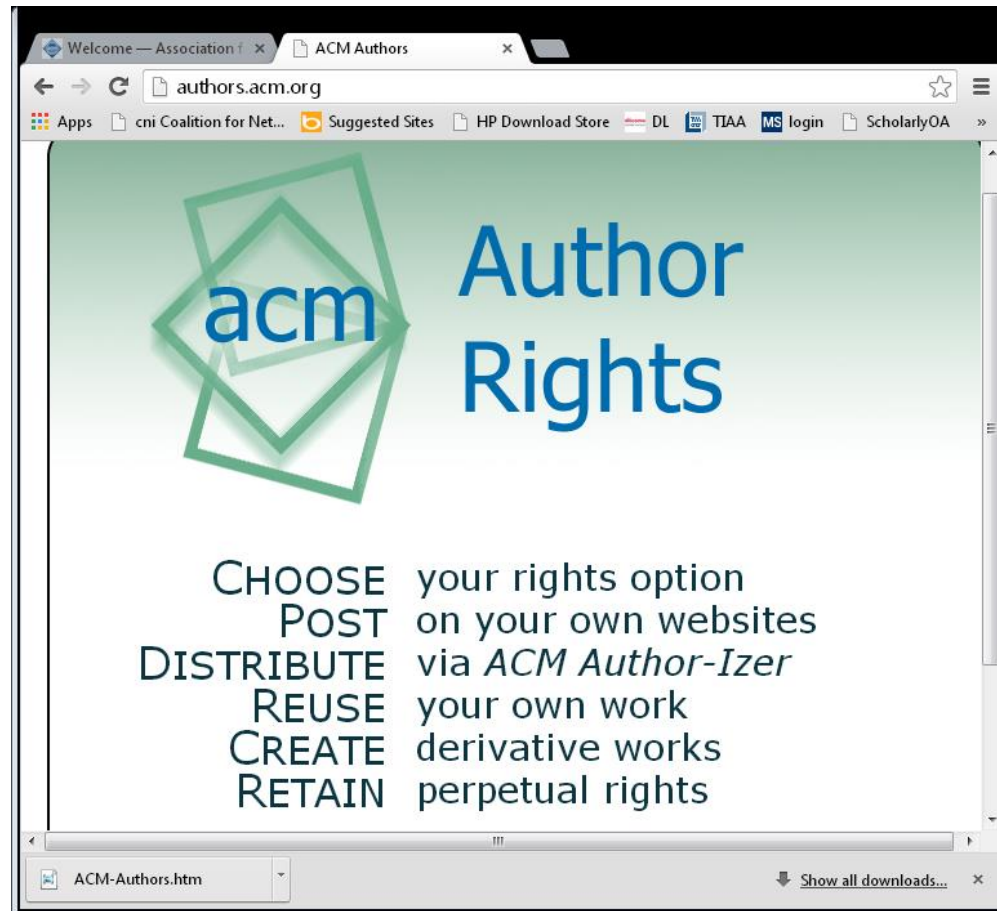


New Publishing and Access Policies

- ACM Author Rights
- Prior Publication and Simultaneous Submission
- Plagiarism



New Publishing and Access Policies: Author Rights



New Publishing and Access Policies: Publishing Model Changes



- Three Options for Managing Rights

- Copyright transfer (existing)

- Exclusive license (new)

- Copyright remains with the author
 - Existing and additional author rights incorporated
 - Author grants ACM exclusive right to publish
 - Author authorizes ACM to deal with plagiarism and re-use permissions

*Authors can also select
OA option with ACM
copyright or license*

- Non-exclusive license (new)

- Author grants ACM permission to publish
 - All other rights (and responsibilities) remain with author
 - Author must select OA option, pay APC

New Publishing and Access Policies: Publishing Model Changes

- Open Access (OA) **Options** for SIG Proceedings
 - OA During the Period Surrounding SIG Conferences
 - via the ACM DL platform
 - one month period surrounding a conference
 - OA for Most Recent Instance of SIG Conference
 - maintain tables-of-contents on the conference (or SIG) web site
 - with ACM Author-Izer links (provide free access to the definitive version of the article maintained in the ACM DL)
 - 3-year experiment - free downloads tracked separately but still counted for revenue allocation
 - “Fund” APC’s for Permanent OA to Entire Proceedings



New Publishing and Access Policies: OA Uptake



Overall Rights Chosen	Totals	OA Chosen	OA Paid
Copyright	5,214	50	19
License	1,811	16	11
permissionRelease	121	115	48
	7,146	181	78

Overall OA uptake since April 2013: **2.53 %**

POST

- Authors can post the accepted, peer-reviewed version prepared by the author—known as the "pre-print" - with a DOI pointer to the Definitive Version in the ACM Digital Library:
 - On Author's own Home Page *and*
 - On Author's Institutional Repository *and*
 - In any repository legally mandated by the agency funding the research on which the work is based.
- Prior to submission to ACM for peer-review, authors may post their original work in any informal, non-peer-reviewed aggregation or collection.

DISTRIBUTE

- Authors can post an [Author-Izer](#) link enabling free downloads of the Definitive Version of the work permanently maintained in the ACM Digital Library On the Author's own Home Page *or*
- In the Author's Institutional Repository.

REUSE

- Authors can reuse any portion of their own work in a new work of *their own* without fee as long as a citation and DOI pointer to the Version of Record in the ACM Digital Library are included.
 - Contributing complete papers to any edited collection of reprints for which the author is *not* the editor, requires permission and usually a republication fee.
- Authors can include partial or complete papers of their own in a dissertation as long as citations and DOI pointers to the Versions of Record in the ACM Digital Library are included.
- Authors can use any portion of their own work in presentations and in the classroom.
 - But commercially produced course-packs that are *sold* to students require permission and possibly a fee.



CREATE

- By copyright or license, ACM may have its publications translated. But ACM Authors continue to hold perpetual rights to revise their own works without seeking permission from ACM.
 - If the revision is minor, i.e., less than 25% of new substantive material, then the work should still have ACM's publishing notice, DOI pointer to the Definitive Version, and be labeled a "Minor Revision of"
 - If the revision is major, i.e., 25% or more of new substantive material, then ACM considers this a new work in which the author retains full copyright ownership (despite ACM's copyright or license in the original published article) and the author need only cite the work from which this new one is derived.
- Minor Revisions and Updates to works already published in the ACM Digital Library are welcomed with the approval of the appropriate Editor-in-Chief or Program Chair.



New Publishing and Access Policies: Prior Publication and Simultaneous Submission

See: http://www.acm.org/publications/policies/sim_submissions/

- General expectations in ACM publications:
 - **No Simultaneous Submission of same or very similar papers.**
 - **Submission of original, not previously published work.**
- Exceptions:
 - **Publication unambiguously states that simultaneous submissions are allowed in its Instructions for Authors, CFP, and other appropriate public forums.**
 - **Revised versions of papers that appeared previously in refereed or formally reviewed publications or under consideration for such publication may be submitted elsewhere if:**
 - **Substantially revised (25% rule);**
 - **EiC or PC notified upon submission; and**
 - **Complies with individual publication's policy**

Note: Informal, un-reviewed postings are not considered prior publication



New Publishing and Access Policies: Plagiarism

- Major increase in cases
- Pubs Board Policy written 2006 (revised 2010)

http://www.acm.org/publications/policies/plagiarism_policy

- CrossCheck – plagiarism tool available



Plagiarism

- Types
 - Egregious: large portion, verbatim, no citation
 - Selected portions, verbatim, no citation
 - Cited but not clearly Differentiated
 - Self-plagiarism
- Penalties
 - Removal of Full Text
 - Badge of Shame
 - Notification to Employer
 - Rejection of Submission
 - Rejection of Future Submissions
- CrossCheck – plagiarism detection service

Starting a New Journal

Proposals need:

- Champion
- EIC: senior in field with international reputation
- Editorial Scope
- Rationale
- Relationship to other ACM publications
- Review Process and Editorial Board Structure
- Authoring Community
- Subscribing Community
- Example Articles and Authors
- SIG Support



Starting New Publications

- Process and Timeline
 - Journal Proposals to Director of Publications
 - Magazine Proposals to Scott Delman
 - Reviewed by Publications Board
 - Conditional Approval → SIG and EIC input
 - Final Approval

2–6 month approval cycle

First Issue: 6-12 months from launch

See: <http://www.acm.org/publications/newjournals>

EICs – Selection and Appointment Process

- New Journals
 - The “champion” for the proposal usually put forward as EIC
 - Must be senior person; almost always accepted
- Existing Journals
 - Maximum service for EIC is two 3-year terms
 - Reappointments
 - Vision Statement – accomplishments and plans
 - Pubs Board conditionally approves
 - SIGs and EICs comment
 - Pubs Board decides
 - New appointments
 - Pubs Board forms ad-hoc Search Committee with domain experts
 - Related SIG asked for domain expert
 - Outgoing EIC consulted but may not sit on Committee



CCS 2012

- ACM Computing Classification System
- De facto standard taxonomy for CS since 1960's
- Major revision in 2012 made by 40 ACM Fellows and 80 other domain experts
- Status of implementation
 - 1998 still in use but auto-mapping to 2012
 - Citation Pages in DL show 2012 topical concepts
 - 7-level tree: Author support tool
 - New authoring templates interact with Support Tool
 - Final testing now: production in next few months
 - Further DL changes: tag clouds, all aggregated views





[SIGN IN](#) [SIGN UP](#)

The ACM Computing Classification System (CCS) [Switch to Flat View](#) [Generate CCS Codes](#)

General and reference	Hardware	Computer systems organization	Networks
Software and its engineering	Theory of computation	Mathematics of computing	Information systems
Security and privacy	Human-centered computing	Computing methodologies	Applied computing
Social and professional topics	Proper nouns: People, technologies and companies	What is the CCS?	

Principles of Robust Timing over the Internet

Full Text: [Html](#) [PDF](#)

Authors: [Julien Ridoux](#) [University of Melbourne](#)
[Darryl Veitch](#) [University of Melbourne](#)

Published in:
 · Magazine
 Queue - Emulators [Queue Homepage](#) [archive](#)
 Volume 8 Issue 4, April 2010
 Pages 30
[ACM](#) New York, NY, USA
[table of contents](#) doi>[10.1145/1755884.1773943](#)



2010 Article
 • Popular
 • Editor picked

Bibliometrics
 · Downloads (6 Weeks): 321
 · Downloads (12 Months): 3,897
 · Downloads (cumulative): 26,311
 · Citation Count: 0

Tools and Resources

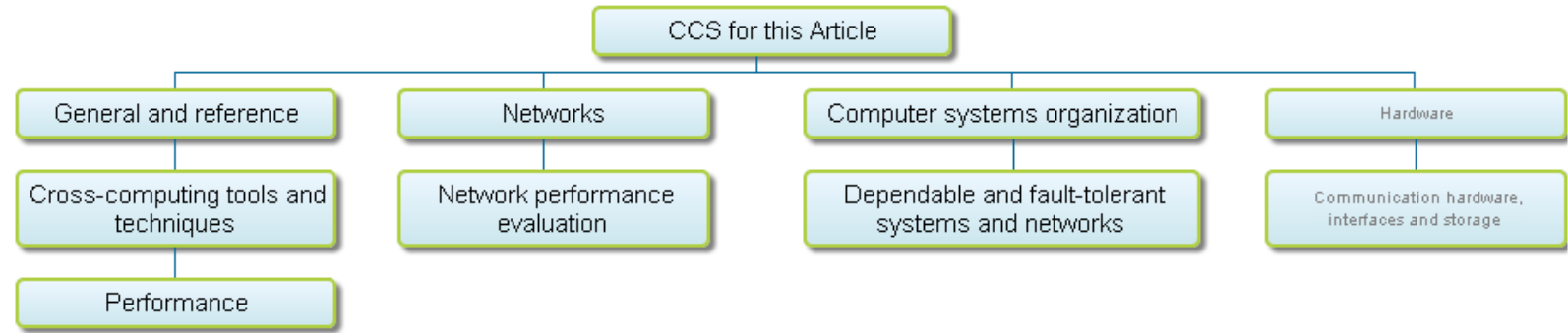
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The ACM Computing Classification System ([CCS rev.2012](#))



ACM Supported Publishing-related Organizations

- CrossRef
 - DOIs – 50M
 - Universal Reference linking –
 - 3.5M resolutions 2013; 1B resolutions globally
 - CrossCheck, CrossMark, FundRef
- ORCID
 - Universal Author IDs
 - Unique and accurate attribution of scholarly contributions
 - Publications, patents, grants, awards, roles
 - Bridge to tie Silo IDs together
- CHORUS
 - Publisher solution to OSTP call for public access to funded research





ACM SIG ORIENTATION: ACM DL SALES, MAGAZINES, & ACM BOOKS

SCOTT DELMAN

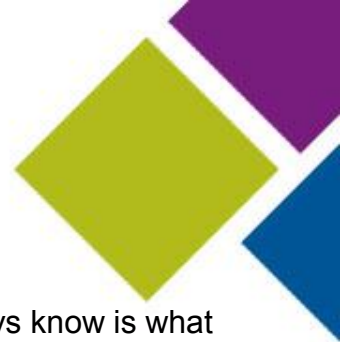
ACM DIRECTOR OF GROUP PUBLISHING &
DIGITAL LIBRARY SALES



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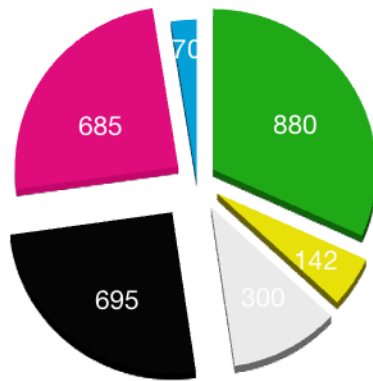


- What many in community know is that DL is very accessible and heavily used...what they don't always know is what happens behind the scenes to make it accessible to end users and a sustainable resource for everyone.
- ACM has developed a global and complex sales and distribution network of academic, government, and corporate customers, sales and marketing intermediaries, discovery services, technology vendors, and end users, which it maintains with a small but efficient staff at ACM HQ.
- At present, ACM sells and distributes the DL to over 2,900 academic, government, and corporate libraries from over 80 countries around the world, which accounts for 95.5% of all full-text downloads from the ACM DL annually, with remaining downloads coming from individual ACM members accessing via their individual ACM accounts (16,000,000 vs. 700,000 respectively).
- Much of the above usage and activity from the DL comes via academic library consortia. ACM works directly with 90+ academic library consortia (representing 2,700 libraries), 80 corporations, and 100 government agencies and research institutions. This is typically how academic libraries purchase access to scholarly publications from all major publishers worldwide.
- While OA is a serious issue, the above model for selling the DL is well established, healthy, and not at risk in the near term. Everyone talks about OA and is exploring new models (as should we), but reality is that the existing business model is not under immediate threat.
- From a “sales” and “sustainability” perspective, most radical scenario is a slow and steady progression towards an “author pays model” where articles are open on ACM platform after “fees have been paid”. But, more likely scenario is a transition towards a dual state where part of ACM DL revenue comes from annual subscriptions and some from OA APCs.



ACM DL SALES

Institutions by Region



- North America - 880
- Middle East - 142
- Latin America & Caribbean - 300
- Europe - 695
- Asia - 685
- Africa - 70



ACM DL SALES – By the Numbers



- 2,700 Academic Institutions with unlimited access to the ACM DL
- Each year 50-100 new institutions license the DL
- Each year 25-30 existing institutions cancel access due to low usage
- 80+ Corporations licensing access
- 100+ Government agencies and research institutions from over 20 countries
- 1,500,000+ end users accessing DL via above channels annually, plus another 20,000+ accessing the DL via individual ACM web accounts
- Downloading over 17,000,000 full-text articles
- Still more licensing growth ahead, especially in Asia, Latin America, and Africa

ACM Magazines & News Briefs



- Provided as “service to community” or “member benefit” (CACM, for example)
- Tends to involve a significant financial investment by ACM
- Currently 8 active Magazines + ACM TechNews, including:
 - ❖ *Communications of the ACM – ACM Member Benefit & Service to Community*
 - ❖ *Queue Magazine – Service to Community*
 - ❖ *Interactions Magazine – SIGCHI Member Benefit & Service to CHI Community*
 - ❖ *XRDS Magazine – ACM Student Member Benefit & Service to Community*
 - ❖ *eLearn Magazine – Service to Community*
 - ❖ *Computers In Entertainment – Service to Community*
 - ❖ *Ubiquity Magazine – Service to Community*
 - ❖ *InRoads Magazine – SIGCSE Member Benefit*
 - ❖ *ACM TechNews – ACM Member Benefit & Service to Community*
 - ❖ *ACM TechNews – SIGCHI Edition – SIGCHI Member Benefit*
- Magazines serve a wide variety of purposes, including:
 - ❖ Broader scope – covering an entire subject area or key market (i.e.- student, members, educators)
 - ❖ Appealing to researchers, practitioners, students, and educators
 - ❖ Reporting on multi-disciplinary and inter-disciplinary topics
 - ❖ Faster publication cycles than journals or conferences – days, weeks, months....
 - ❖ More variety on article types – peer reviewed, commentary, news, practice-oriented...
 - ❖ More editorial support than the typical journal or conference article – deadline driven
 - ❖ Greater exposure and traffic than the typical ACM journal or conference publication
 - ❖ Dedicated websites – regularly updated (daily, weekly, monthly)



ACM Magazines & News Briefs



- Several SIGs have partnered with ACM HQ in the past to start and publish Magazines successfully (SIGCHI & SIGCSE)
- Primary reason for SIG to do this is to provide a highly visible member benefit that can drive membership growth, retention, generate high quality content for community as a service, strengthen communication with community and for community
- Most attractive subject areas to consider are those that are both “Practitioner-focused” and “Research-focused”, and where there is significant “community engagement”
- Starting a new Magazine also requires significant start-up funds and ongoing “intensive” volunteer involvement (CACM great example), so size of end user community and volunteer community must have a “critical mass”
- ACM HQ is always thinking about areas for new Magazine publications and the most viable under consideration now are “Mobile” and “Bio” Computing
- If SIGs are interested, they should contact me at ACM HQ



ACM Books



- A new series of scholarly books by ACM
- Collaboration between ACM and Morgan + Claypool Publishers
- Series will consist primarily of advanced level research books and graduate level textbooks
- ACM Books will be marketed and sold as eBooks via ACM directly and via third parties
- ACM will sell primarily as eBooks in collections. First collection will consist of ~25 titles
- Print-on-Demand will be utilized for print copies and sales
- ACM Digital Library will be primary distribution platform for eBook Collections
- Collections will be sold to institutional customers and an annual access option will be available for all ACM Members
- ACM Publications Board has oversight of Series. Appointed Tamer Ozsu from Waterloo as EIC
- Tamer will reach out to each SIG to open lines of communication to facilitate with SIG communities. Would like to come to SIG Spring Meeting
- Additional Subject Areas will be added over time
- Website with information about new series will be posted in coming weeks
- First titles expected to be published in early 2014



ACM Books – Editorial Board



- **Editor-in-Chief**, Tamer Oszu, University of Waterloo, Canada
- **Security & Privacy**, Ahmad-Reza Sadeghi, Technical University of Darmstadt, Germany
- **Software Engineering**, Bashar Nuseibeh, Open University, UK
- **Machine Learning & Data Mining**, Bernhard Schölkopf,, Max Planck, Germany
- **Cloud Computing**, Divyakant Agrawal, UC Santa Barbara, USA
- **Information Retrieval & Digital Libraries**, Edward Fox, Virginia Tech, USA
- **Data Management**, Gerhard Weikum, Max Planck, Germany
- **Computer Graphics**, John Hart, University of Illinois, Urbana-Champaign, USA
- **Programming Languages**, Laurie Hendren, McGill University, Canada
- **Bioinformatics**, Limsoon Wong, National University of Singapore, Singapore
- **Human-Centered Computing**, Michel Beaudouin-Lafon, Paris-Sud 11 University, France
- **Mobile Computing**, Mohamed Mokbel, University of Minnesota, USA
- **Social Computing**, Ramesh Jain, University of California, Irvine, USA
- **Web Engineering**, Ricardo Baeza-Yates, Yahoo! Research, Barcelona, Spain
- **Multimedia Systems**, Shih-Fu Chang, Columbia University, USA
- **History of Computing**, Thomas J. Misa, Charles Babbage Institute, Univ. of Minnesota, USA



Q&A



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