

FY'2023 Draft Annual Report of the Publications Board

For the Period July 1, 2022 – June 30, 2023

Submitted by: Dame Wendy Hall and Divesh Srivastava Co-Chairs.

September 19, 2023

I. Overview and Strategic Directions

To support ACM's mission of advancing computing as a science and a profession, the Publications Board focuses on developing, enhancing, and maintaining high-quality publications that disseminate new research, translate research to inform practice, reflect on practice to inspire innovation in both practice and research, and support research integrity initiatives to improve trust in research results reported in ACM publications.

The Publications Board is composed of volunteers from the community working in partnership with and supported by ACM's publications staff and staff in other HQ departments. Together we oversee ACM's organization-wide publications strategy, policies, and procedures; and our broad collection of journals, proceedings, magazines, and books.

In Fiscal Year 2022, we focused the Publications Board's activity around the following key priorities:

- Increasing access to ACM Publications in the ACM Digital Library
- Continuing sustainable transition to ACM Open publication model
- Diversifying ACM's Publications Board, consistent with ACM's focus on Diversity, Equity, and Inclusion.
- Continuing to increase focus on research integrity initiatives. Significantly increased efforts to investigate allegations of research and publications related misconduct.
- Improving the quality of ACM's Publications data and metadata. Mandated registration of ORCID's for all ACM's journal authors and on target to fully implement the mandate for all ACM and ICPS conference authors by October 2022.
- Continuing to launch new journals in key growth areas of Computer Science, such as Ethics and Artificial Intelligence
- Continuing development of ACM's Journal First Publication Model via the Proceedings of the ACM Series (PACM)
- Continuing to assess quality and impact of ACM's journals program
- Assessing quality and strategic importance of the ACM International Conference Proceedings Series (ICPS)
- Addressing the crisis in scholarly peer review

II. Basic Publications Board Information

A. Members of the Publications Board

A list of members of the Publications Board during FY'23 is given in Table 1. Four new members joined the Board during FY'23, to help offset some members who retired in FY'22 and some who moved to the DL Board in FY'22.

- Wendy Hall (University of Southampton)
- Michael Kirkpatrick (James Madison University)
- Adelinde Uhrmacher (University of Rostock)
- Philip Wadler (University of Edinburgh)

There was 1 additional member who joined the Board during FY'24:

- Stuart Taylor (Royal Society)

Table 1. Members of the ACM Publications Board with Roles and Appointment Dates

Jonathan Aldrich (Carnegie Mellon)	SGB Liaison: 07/01/22 - 06/30/24
Tom Crick (Swansea University)	Pubs Board Member Term: 10/01/21 - 06/30/24
Jack W. Davidson (University of Virginia)	DL Board Liaison: 07/01/21 -06/30/2024
Wendy Hall (University of Southampton)	Pubs Board Member Term: 07/26/22 - 06/30/25 Co-Chair: 07/26/22 – 06/30/25
Michael Heroux (Sandia Labs)	Pubs Board Member Term: 08/1/23 - 06/30/26 Co-Chair, New Publications Committee: 08/1/23 - 06/30/26
Michael Kirkpatrick (James Madison University)	Pubs Board Member Term: 07/01/22 - 06/30/25 Chair, Ethics & Plagiarism Committee 07/01/22 - 06/30/25

Joseph Konstan (University of Minnesota)	Pubs Board Member Term: 07/01/22 - 12/31/23 Chair, Business Working Group: 07/01/22 - 12/31/23
James Larus (EPFL)	Pubs Board Member Term: 07/01/23 - 06/30/26
Marc Najork (Google Research)	Pubs Board Member Term: 06/01/23 - 06/30/26
Beng Chin Ooi (National University of Singapore)	Pubs Board Member Term: 05/01/22 - 06/30/25
Holly Rushmeier (Yale University)	Pubs Board Member Term: 07/01/21 - 06/30/24 Co-Chair, Assessment & Search Committee: 07/01/21 - 06/30/24
Robert Schnabel (University of Colorado Boulder)	Pubs Board Member Term: 11/1/21 - 06/30/24
Divesh Srivastava (AT&T)	Pubs Board Member Term: 07/01/22 - 06/30/25 Co-Chair: 07/01/22 - 06/30/25
Stuart Taylor (Royal Society)	Pubs Board Member Term: 09/01/23 - 08/31/26
Bhavani Thuraisingham (University of Texas Dallas)	Pubs Board Member Term: 07/15/23 - 06/30/26 Co-Chair, New Publications Committee: 07/15/23 - 06/30/26

Adelinde Uhrmacher (University of Rostock)	Pubs Board Member Term: 10/01/22 - 06/30/25 Co-Chair, Assessment & Search Committee: 10/01/22 - 06/30/25
Philip Wadler (University of Edinburgh)	Pubs Board Member Term: 10/01/22 - 06/30/25 Chair, PACM Steering Committee: 10/01/22 - 06/30/25
Julie Williamson (University of Glasgow)	Pubs Board Member Term: 07/01/23 - 03/31/24

B. Publications Board Meetings & Operations

In FY22, as a result of the COVID-19 Pandemic, there was one Zoom meeting and one in person Publications Board meeting. The Board met in one meeting via Zoom on October 28th and November 4th, 11th and 18th. There was a hybrid meeting in New York on June 23rd and 24th that discussed a range of issues.

Highlights of the November 2021 and June 2022 meetings include:

- Onboarding and orientation of new Publications Board members that joined in FY22
- The Board welcomed guest speaker, Eleonora Presani, new Executive Director of arXiv, to speak about future plans for arXiv, including a revamp of the user interface, additional functionality, the inclusion of DOIs, new moderation tools, and updates to its API.
- The Board welcomed guest speaker, Johan Rooryck, the Executive Director of Coalition S, the organization responsible for Plan S in Europe. Johan spoke in detail about the requirements for Plan S and what ACM needed to do to ensure that all ACM authors are compliant when publishing with ACM. Since that time, ACM has been granted Plan S compliant status.
- ACM briefed the Publications Board on progress with ACM Open, ACM's new transformative model for Open Access Publication.
- ACM briefed the Publications Board on the progress of the ACM Books Program
- ACM briefed the Publications Board on the ICPS Conferences, the questionable conferences and the review process.
- ACM briefed the Publications Board on "Just Accepted" for ACM Journals

- ACM briefed the Publications Board about joining STM and the guidelines for STM
- ACM puts before the Publications Board the suggestion of removing the Rights option of Copyright. The Board accepted the suggestion. ACM will implement the removal of the copyright option in January 2023.
- ACM updated the Publications Board on the Digital Library Platform

III. Committees & Project Updates

A. Conference Committee

During the June 2022 meeting of the ACM Publications Board in NYC, the Pubs Board voted to disband the Conference Committee. Julie Williamson, who was the former Co-Chair of the Conference Committee with Robert Walker, who retired from the Publications Board in 06/2021, has joined the Digital Library Board. Julie Williams remains a member of the ACM Publications Board.

The SIG Governing Board liaison to the ACM Publications Board will continue to serve as the bridge between the two Boards for all publications-related and conference-related issues. The current SGB liaison is Jonathan Aldrich.

B. New Publications Committee

Mandate

The New Publications Committee's primary mandate is to realize the goal of making ACM the preferred publisher in computing through exploration of new publication titles covering the diverse landscape of computing. Towards this goal, the New Publication Committee evaluates submitted proposals for new publications, and the Committee proactively seeks to expand ACM's portfolio by identifying promising new areas and seeking qualified individuals to develop publications in those areas. After the development of new title proposals, the Committee provides the Publications Board with recommendations and actions regarding the proposal.

FY23 Activities

This Committee was substantially re-constituted with new membership. The Committee evaluated several proposed publications and approved one new journal, while also working to identify strategic opportunities for further new journals in AI and Machine Learning.

New ACM's Publications approved during FY23 were:

- *ACM Transactions on Probabilistic Machine Learning*

New ACM Publications launched (opened for submissions) during FY23 were:

- *ACM Transactions on Probabilistic Machine Learning*
- *ACM Journal on Responsible Computing*
- *Games: Research + Practice*

Committee Members

Michael Heroux (Co-Chair), Bhavani Thuraisingham (Co-Chair), Amy Bruckman, Koen De Bosschere, Chris Hundhausen, Sven Koenig, Tei-Wei Kuo, Sandeep K. Shukla, Sean Pidgeon (ACM staff), Sara Kate Heukerott (ACM staff).

C. Assessment and Search Committee

Mandate

The Assessment and Search (A&S) Committee members assess journals towards the end of each EIC term and make recommendations to the Publications Board regarding reappointments and new searches. Assessments are based on survey feedback from current EICs, SIG Chairs, Associate Editors, and other stakeholders, as well as quantitative data on the journal submission and publication pipeline. When a new search is conducted, the A&S Committee members consult with stakeholders to identify an EIC Search Committee Chair and potential Committee members, and serve as liaison between the Search Committee and the Publications Board.

FY23 Activities

In FY23, the Assessment and Search Committee completed assessments and searches for fourteen journals. New EICs were appointed for six journals, and existing EICs were reappointed for eight journals. In addition, new Co-EICs were appointed for TOCHI and HEALTH, and an interim EIC was appointed for TAAS.

New Appointments FY'23		
Journal	EIC Name	Term Start
TOPLAS	Jan Vitek	9/1/2022
PACMPL	Michael Hicks	11/15/2022
TiiS	Shlomo Berkovsky	11/15/2022
TOS	Erez Zadok	11/15/2022

TAAS	Danny Weyns (interim EIC following the passing away of Valérie Issarny)	12/8/2022
TOCHI	Kasper Hornbaeck, new Co-EIC	1/20/2023
TOCT	Prahladh Harsha	3/15/2023
HEALTH	Gang Zhou, new Co-EIC	3/15/2023
TOMACS	Wentong Cai	5/1/2023
Reappointments FY'23		
TACCESS	Tiago Guerrerio and Stephanie Ludi	8/1/2022
JETC	Ramesh Karri	8/1/2022
TALLIP	Imed Zitouni	9/1/2022
TQC	Travis Humble	3/1/2023
TQC	Mingsheng Ying	3/1/2023
TOMPECS	Leana Golubchik	4/1/2023
TECS	Tulika Mitra	4/1/2023
TACO	David R. Kaeli	5/1/2023
TELO	Juergen Branke	5/1/2023

TELO	Manuel López-Ibáñez	5/1/2023
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Committee Members

Holly Rushmeier (Yale University, Co-Chair), Adelinde Uhrmacher (University of Rostock, Co-Chair), Malay Bhattacharyya (Indian Statistical Institute, beginning May 2023), Victoria Interrante (University of Minnesota), Sartaj Sahni (University of Florida), Adrian Scoica (Google Switzerland, through May 2023), Josh Tenenberg (University of Washington), Michelle Zhou (Juji, Inc.), Diane Crawford (ACM Deputy Director, Magazines), Scott Delman (ACM Director of Publications), Sara Kate Heukerott (ACM Associate Director of Publications), Sean Pidgeon (ACM Executive Editor), Stacey Schick (ACM Associate Editor), Yubing Zhai (ACM Editor).

Diversity, Equity and Inclusion

We have 4 female volunteer members (3 from US and 1 from Europe) and 4 male volunteers (2 from US, 1 from Europe, and 1 from Asia). We asked the Search Committee Chairs to ensure gender and geographic balance in their Search Committees.

D. Ethics & Plagiarism Committee

Mandate

The ACM Publications Board's Ethics and Plagiarism Committee (E&P) handles all plagiarism cases and issues dealing with professional ethics in publishing. This includes complaints of conflicts of interest, authorship, and allegations of research misconduct. The Committee develops policies and practices to ensure the integrity of the scholarly record. The E&P Committee has jurisdiction over all cases related to ACM journals and magazines, and all conference Proceedings (ACM and ICPS) once published in the Digital Library.

FY 2023 Activity

In addition to its usual mix of Plagiarism and Ethics cases, the Committee had new challenges to be addressed. These new challenges included violations of the peer review process, including anonymity breaches or inappropriate access to works under submission. In a different set of cases, the Committee encountered multiple parties whose behavior hindered our work; these actions included refusal to respond to questions or provide evidence, raising objections to delay the implementation of Committee decisions, or making demonstrably meritless claims. The Committee has also been engaged with auditing the ICPS Publication Series, including retracting two sets of Proceedings.

The increase in complaints to E&P over the last few years has been noteworthy and troubling. This includes an increased number of complaints involving multiple parties. Also,

we note an increase in the number of parties who received more significant penalties assessed for repeat or especially egregious transgressions. Almost all of these individuals appealed their penalties (none were successful), which adds load to staff and the ACM President, who handles all appeals. Overall, the increase in the count and complexity of complaints is causing a significant strain on the volunteers and staff involved with the E&P process.

Also note, complaints of collusion by “rings” of reviewers continue to arise. If substantiated, these allegations are grave as they bring into question the scientific merit of multiple published results in various conferences and journals—and the overall candor of all participants. These cases are complex, but we have examined at least one notable case with significant results pending. However, the possible scale of circumstances is such that some formal complaints—with actionable evidence—might well be beyond the Committee's capacity to investigate.

In the coming year, the Committee has goals to address some of these challenges in multiple ways. One priority is to review and amend policies surrounding peer review and Authorship obligations. Some of the cases this year highlighted unethical behavior in these areas, but the respective policies create the possibility of confusion or misinterpretation. The Committee is also considering other changes to clarify the scope of the policies, particularly regarding conference publication and ICPS. The Committee has begun to discuss possible opportunities for additional outreach and communication with the Community to increase understanding of the Committee's work and procedures.

Finally, an item for more careful consideration is the issue of what the Committee discloses to the Community about our activities, both for individual cases and broader findings. Some members of the Community believe that sharing the results of investigations might help serve both to educate members about the policies and to help deter some misbehavior. Members of the Community aware of misconduct also bemoan ACM's apparent lack of action, which would be addressed by greater transparency. We will discuss this topic with the Publications Board and beyond, but it may require involvement at the level of the ACM Council to decide.

2017-2023 Ethics and Plagiarism Numbers Active Cases During Each Calendar Year

YEAR	Ethics Active Cases	Plagiarism Active Cases	Ethics and Plagiarism Active Cases	Total Active Cases
2017	10	10	1	21
2018	9	18	2	29
2019	20	33	6	59
2020	22	19	7	48
2021	3	4	0	7
2022	35	22	2	59
2023	44	29	1	74

TOTAL	143	135	19	297
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2017-2023 Ethics and Plagiarism Numbers:

ACM Journals/Magazines	Claims 41
ACM Proceedings/Conferences	Claims 157
Other Non ACM Publications	Claims 25

Types of Claims:

Ethics Claims:

Reviewer Misconduct	28
COI	9
Retaliation	9
Leaving Author Off Work	15
Simultaneous Submission	11
Adding Authors after paper accepted	3
Knowingly submitting a paper with False Information/Findings	12
Looking to Pay to Publish	1
Changing the Author Order	1
Author Contacting Reviewers to Look Out for Paper	5
Research Misconduct	4
Unknowingly submitting a paper with incorrect findings	3
Conference Issue with Peer Review and Submission Process	2
Author violating Conference Procedures	7
Modifying Paper after it was Accepted	4
Reference Padding	8

Plagiarism Claims:

Plagiarism	92
Self Plagiarism	12

Plagiarism and Simultaneous Submission	2
Plagiarism and Reviewer Misconduct	1

Committee Members

Andrew Adams, Bobby Schnabel, Simson Garfinkel, Michael Kirkpatrick (Chair), Shan Lu, Eugene Spafford (Vice-Chair), Fernando Diaz, Julie Williamson, Scott Delman, Barbara Ryan

FY 2023 Activities

In addition to handling numerous plagiarism cases and a case involving an allegation of data fabrication, the Committee has developed a conflict-of-interest policy regarding review and processes and updated Plagiarism Policy..

YEAR	Ethics Opened	Plagiarism Opened	Plagiarism and Ethics Opened	Ethics Closed	Plagiarism Closed	Plagiarism and Ethics Closed
2016	2	1	0	0	0	0
2017	8	9	1	7	6	1
2018	6	14	2	4	9	1
2019	15	24	5	13	26	4
2020	15	13	5	11	19	6
2021	7	4	0	6	1	0
2022	35	22	2	16	9	1
2023	23	14	1	26	14	1
TOTAL	111	101	16	83	84	14

E. Proceedings of the ACM Steering Committee

Mandate

The PACM Steering Committee is charged with oversight and operation of the PACM Series. In particular, the SC is charged with promoting the PACM Series, soliciting and reviewing proposals for new Titles, as well as making recommendations to the Publications Board on all suggested modifications to existing Titles.

FY23 Activities

The Chair of the PACM SC passed from Roch Guerin to Philip Wadler. Phil would like to thank Joseph Konstan for helping him to get up to speed in the role. The membership of the SC has been refreshed, with Maria Gini, Jessica Hodgins, and Jeff Nichols stepping onto the SC.

We plan to bring the SC and all of the PACM EICs together for a virtual meeting once or twice a year, mainly with the purpose of exchanging ideas for best practice. The first of these meetings was held and was quite successful.

The SC and the Publications Board approved two new PACMs, PACMMOD and PACMSE. Both PACMNET and PACMMOD published their first issue this year. We initiated the process to approve a new EIC for PACM IMWUT to replace Silvia Santini, with Lena Mamykina and Thomas Ploetz appointed as the new Co-EIC's at the beginning of FY 2024.

The current list of PACMs, their affiliated conferences, and EICs is as below.

PACM IMWUT (UbiComp/ISWC) – Silvia Santini
PACMCGIT (I3D, ETRA, SIGGRAPH '23 Art Papers, SCA) – Victor Zordan
PACMHCI (GROUP, CSCW, ETRA, EICS, MobileHCI, CHI PLAY, ISS) – Jeff Nichols
PACMMOD (SIGMOD/PODS) – Divyakant Agrawal
PACMNET (CoNEXT) – Marco Mellio & Peter Steeniste
PACMPL (POPL, ICFP, OOPSLA, PLDI, HOPL) – Michael Hicks
POMACS (SIGMETRICS) – Augustin Chaintreau

Committee Members

Philip Wadler (University of Edinburgh, Chair), Maria Gini (University of Minnesota), Jessica Hodgins (Carnegie Mellon University), Joseph Konstan (University of Minnesota), Jeff Nichols (Apple, Inc.)

IV. ACM Publications Portfolio

ACM is currently the publisher of 96 active periodicals, including 65 journals and transactions, 7 magazines, 29 newsletters, and a series of advanced-level books called *ACM Books*. Total journal submissions (original and revised) to ACM journals in FY22 was 13,454 compared to 13,032 in FY21. The average acceptance rate was 33%.

During FY23, ACM added 623 volumes of conference and related workshop proceedings to its portfolio; this included 248 volumes added to ACM's *International Conference Proceedings Series (ICPS)*.

ACM Books launched in 2014, with Ebooks available for both institutional and individual purchase, and print-on-demand books available for sale to individuals. ACM Books published ten new titles in FY23, signed publishing agreements for six additional titles, and formally approved three additional titles that are now pending contract signature.

V. ACM Digital Library & ACM Open

FY21 Content Added to the DL & Platform Usage

During FY21, the ACM Council created the ACM Digital Library Board to oversee and provide strategic leadership for the ACM Digital Library platform. As a result, the new ACM Digital Library Board will provide an annual report of the Board's activities, progress, and priorities including publication data and key metrics for the FY22 period.

FY23 Digital Library Renewals

Institutional “read-only” subscriptions to the ACM Digital Library comprise most of the revenue that ACM Publications receives. Researchers at more than 2,500 institutions globally have access to the DL via their library, generating over \$18M in DL read-only subscription revenue.

Inflationary impacts and academic library budget constraints remain a challenge impacting DL subscriptions in FY23. Many institutions moved from “read-only” subscriptions to ACM's transformative Open Access model, ACM Open.

FY23 ACM Open Progress

In FY23, ACM signed more than 100 new licenses globally, providing researchers at more than 750 institutions with unlimited Publish and Read access to the ACM Digital Library. Notable agreements signed in FY23 include new ACM Open licenses with academic consortia in the United Kingdom, Greece, Israel, the United States, and the Czech Republic, as well as agreements with individual academic institutions in Spain, Japan, Poland, Hungary, and Singapore. The first wave of early adopters of ACM Open were also renewed, a testament to the long-term sustainability of the ACM Open model.

By the end of FY23, more than 30% of research articles published annually by ACM will be made Open Access upon publication as the result of the Corresponding Author of an article choosing to pay an Article Processing Charge (APC) or being affiliated with institutions participating in the ACM Open program. We anticipate the percentage of Open Access articles added to the Digital Library will grow significantly as a result of the growth of the ACM Open program. A complete, up-to-date list of institutions that have signed on to ACM Open is available [here](#).

VI. ACM Magazines FY 2023

ACM's seven magazine titles—four prints plus online and three online-only—finished the year in exceptional form in terms of readership statistics and downloads from ACM Digital Library websites, apps, and Digital Editions associated with these magazines (<https://dl.acm.org/magazines>) continue to attract millions of viewers every year, bringing ACM's editorial content to a vast, global audience.

In the magazine sector, much of FY23 was focused on transitioning ACM's flagship publication—*Communications of the ACM*—from a monthly print magazine to a Web-first model. This has been an extraordinary effort, rewriting the entire editorial and production process in place for over 65 years. While members will still receive the monthly print edition of *Communications*, much of its editorial content will appear first online via a new website meticulously created over the last year. Editorial content will be available shortly after

acceptance or completion, rather than waiting months for the print vehicle. The online content will allow authors to employ a rich array of media such as video, executable code, and podcasts to tell their stories. News and commentaries will be timely and cover industry issues as they occur. In addition, the launch of the new website (expected in the first quarter of FY24) will move all *Communications*' Digital Library content—past, present, and future—in front of the subscription paywall. By opening *Communications* to the world, Editor-in-Chief Jim Larus says he hopes to “increase ACM’s engagement with the broader Computer Science community and encourage non-members to discover its rich resources and the benefits of joining the largest professional Computer Science organization.”

FY23 proved another record-setting year for article downloads from *Communications*—with almost 7 million reported (500,000 more than FY22). In addition, *Communications*' online presence shares content on a global scale. In FY23, the magazine's website logged over 1 million unique visitors, most notably from the U.S., India, China, U.K., Canada, Germany, Japan, Australia, France, and Brazil.

Interactions, ACM's bi-monthly magazine serving the human-computer interactions communities, recorded almost 600,000 DL downloads in FY23. In recent years, the publication has given a platform to new voices and HCI movements working for change within the community in such areas as social justice, gender/global inequities, and sustainability.

XRDS is the ACM's magazine written by and for student members. Published quarterly, *XRDS* covers emerging industry trends, research, and career advice relevant to Computer Science students worldwide. It's the sole ACM magazine whose international readership base exceeds its North American audience. In FY23, the download count for *XRDS* content was almost 60,000.

Among the three online-only titles is *ACM Queue*, a popular magazine serving Software Engineering practitioners, generated over 2.5 million downloads last year, up 500,000 from FY22. *Queue* content is freely available and focuses on programming solutions and disruptive technologies.

Other ACM's magazines—*eLearn*, *ACM Inroads*, and *Ubiquity*—also continue to draw impressive, expansive audiences online. *eLearn* magazine—ACM's online publication for e-learning research and practice—invites educators and training professionals from around the world to share their experiences and advice. *Ubiquity*, an online-only publication dedicated to advancing critical analysis and commentary, covers a wide array of issues associated with the IT profession, *ACM's Inroads* speaks to Computer Science educators worldwide via a quarterly print magazine covering the teaching challenges and innovations.

VII. ACM Journals

ACM publishes just over 70 high-quality journals, including ACM journals, ACM Transactions, and ACM Research + Practice titles, across the full range of computing disciplines. Most of these titles are fully ACM-owned and published. ACM also publishes three journals in collaboration with IEEE: IEEE/ACM Transactions on Audio, Speech, and Language Processing; IEEE/ACM Transactions on Computational Biology and Bioinformatics; and IEEE/ACM Transactions on Networking. The new Collective Intelligence journal, which published its first articles in FY23, is co-owned by ACM and the publisher SAGE, with SAGE

overseeing production and rights. The ACM/IMS Journal of Data Science, expected to publish its first issues in FY24, is a collaboration between ACM and the Institute of Mathematical Statistics.

The ACM journals program has seen significant growth in the number of titles, submissions, and articles published in recent years. Submissions to non-PACM ACM journals have nearly doubled from FY15 to FY23, due to a combination of new journal launches and growth of the established titles, and the number of accepted articles has increased at a similar rate. The PACM's program has also seen strong growth since launching in 2017. Citations have also increased steadily across the journals' portfolio.

ACM journals demonstrated strong performance in the latest Journal Citation Report from Clarivate Analytics, released on June 28, 2023, with fifteen journals receiving their first impact factors, including four PACM titles.

Individual highlights include ACM Computing Surveys, which received an impact factor of 16.6, placing it third out of 111 journals in the Computer Science, Theory & Methods category. Other standouts include: ACM Transactions on Graphics (TOG) with an impact factor of 6.2, placing it 11/108 (first quartile) in the Computer Science, Software Engineering category; ACM Transactions on Information Systems (TOIS) at 5.6 and 41/158 (second quartile) in the Computer Science, Information Systems category; IEEE/ACM Transactions on Audio, Speech and Language Processing (TASLP) at 5.4 and 3/31 (first quartile) in the Acoustics category and 61/275 (first quartile) in Engineering, Electrical & Electronic; ACM Transactions on Internet Technology (TOIT) at 5.3 and 14/108 (first quartile) in the Computer Science, Software Engineering category; ACM Transactions on Multimedia Computing, Communications, and Applications (TOMM) at 5.1 and in the first quartile in the Computer Science, Software Engineering and Computer Science, Theory & Methods categories; ACM Transactions on Intelligent Systems and Technology (TIST) with an impact factor of 5.0; IEEE/ACM Transactions on Computational Biology and Bioinformatics (TCBB) at 4.5 and in the first quartile of all four of its categories; ACM Transactions on Software Engineering and Methodology (TOSEM) at 4.4, placing it at 23/108 (first quartile) in the Computer Science, Software Engineering category; and ACM Transactions on Mathematical Software (TOMS) at 2.7, placing it in the first quartile (37/267) in the Mathematics, Applied category.

The following titles received their first impact factors: Journal of Data and Information Quality (JDIQ), Proceedings of the ACM on Computer Graphics and Interactive Techniques (PACMCGIT), Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT), Proceedings of the ACM on Programming Languages (PACMPL), Proceedings of the ACM on Measurement and Analysis of Computing Systems (POMACS), ACM Transactions on Accessible Computing (TACCESS), ACM Transactions on Cyber-Physical Systems (TCPS), ACM Transactions on Economics and Computation (TEAC), ACM Transactions on Human-Robot Interaction (THRI), ACM Transactions on Internet of Things (TIOT), ACM Transactions on Management Information Systems (TMIS), ACM Transactions on Computation Theory (TOCT), ACM Transactions on Modeling and Performance Evaluation of Computing Systems (TOMPECS), ACM Transactions on Parallel Computing (TOPC), and ACM Transactions on Spatial Algorithms and Systems (TSAS). Of this group, particularly outstanding performers include THRI with an impact factor of 5.1 and IMWUT at 4.0.

Key projects in FY23 have included a Research Integrity workshop for EICs; beginning work on ACM's new reviewer training gateway; the decision to sunset print for ACM's journals and transactions; initial work on an open peer review pilot; development of a special issue guest editor identity verification procedure; and the introduction of a more efficient journal issue-building process.

VIII. ACM Books

The ACM Books program started in 2014 in response to a lack of moderately priced, high-quality Computer Science books caused by consolidation among commercial publishers. The series focuses on four types of books: graduate-level textbooks, practitioner-oriented professional books, research monographs in established and emerging fields, and books devoted to the history and social impact of computing.

Ten new ACM Books titles were added in FY23, bringing Collection 2 to completion, and launching Collection 3. These titles were:

Geospatial Data Science: A Hands-on Approach for Developing Geospatial Applications, edited by Manolis Koubarakis (74 downloads)

Logic, Automata, and Computational Complexity: The Works of Stephen A. Cook, edited by Bruce M. Kapron (185 downloads)

Effective Theories in Programming Practice, by Jayadev Misra (323 downloads)

Prophets of Computing: Visions of Society Transformed by Computing, edited by Dick van Lente (203 downloads)

On Monotonicity Testing and the 2-to-2-Games Conjecture, by Dor Minzer (85 downloads)

Handbook of Socially Interactive Agents, Vol 2, edited by Birgit Lugrin, Catherine Pelachaud, and David Traum (516 downloads)

Democratizing Cryptography: The Work of Whitfield Diffie and Martin Hellman, edited by Rebecca Slayton (396 downloads)

Spatial Gems, edited by John Krumm, Andreas Zufle, and Cyrus Shahabi (209 downloads)

Weaving Fire into Form: Aspirations for Tangible and Embodied Interaction, by Brygg Ullmer, Ali Mazalek, Orit Shaer, and Caroline Hummers (259 downloads)

Edsger Dijkstra: His Life, Work, and Legacy, edited by Krzysztof Apt and Tony Hoare (577 downloads)

More than 300 ACM Books collections have been sold to institutions to date for both Collections 1 & 2, with individual titles being made available to consumers via major online retailers. All ACM Books content is also available to ACM members for an annual fee and during FY23 there were 775 active ACM member subscriptions to the ACM Books program.

ACM's marketing and sales arrangement with Morgan & Claypool publishers was brought to a close in June 2023. All ACM Books marketing and sales activities are now undertaken by ACM in-house and contract staff.

IX. International Conference Proceeding Series (ICPS)

In FY23, ICPS produced 242 Proceedings (311 in FY22) and 10,095 articles (13,161 in FY22) from 50 countries outside the United States. The rejection rate in FY23 was 33% (35% in FY22).

ACM staff worked closely with three members of the Publications Board who acted as interim Co-EICs of ICPS between August 2022 and May 2023, when a contract-based Managing Editor was recruited to manage the application review process.

The second phase of an audit of previously published content (to identify potentially fraudulent publication activity) is now underway, and discussions with vendors of research integrity tools have continued to progress.

ACM staff also developed detailed plans for an early "flip" of the ICPS program to Open Access, to be implemented from January 2024. This is a precursor to the larger flip of ACM journal and conference content to Open Access, to be completed by December 2025.

X. Key Current Priorities

The Pubs Board expects to spend significant time on the following issues in FY 2023.

- Publications misconduct and in particular compromises of peer review.
- ICPS -- enhancing quality control and revisiting the business model.
- ACM Books -- transition to new business partnership model and review of editorial model; exploring OA model.
- ACM Open -- continued monitoring of transition, institutional uptake, and community awareness.
- Strategic Assessment -- continuing shift from publication-by-publication review of journals to reviewing portfolio as a whole.
- Strategic Directions for New Publications -- including artificial intelligence