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Contact:
Virginia Gold
ACM
212-626-0505
v_gold@acm.org

ACM INTRODUCES AUTHOR PROFILES, CITATION COUNTS, INTERACTIVE FEATURES TO ITS DIGITAL LIBRARY

NEW YORK – April 17, 2008 –ACM (the Association for Computing Machinery) has introduced several major advances to its Digital Library, the vast online collection of more than 2,000,000 pages of full-text articles from ACM publications as well as a bibliographic database of published computing literature that currently holds more than 1,000,000 records. The new features include detailed Author Profile pages as well as citation and usage statistics that provide a snapshot of an individual author's contributions to computing, and some measure of their influence in advancing the field. ACM also invites users to propose changes to personal information displayed on the Author Profile pages in the Digital Library (DL), which is open to the computing community for no charge with an ACM web account.

"The Author Profiles and publication statistics are significant enhancements to the Digital Library," said John White, ACM Executive Director and CEO. "By making authors first-class objects in the Digital Library, ACM is opening a new way to navigate the computing field, providing a valuable resource for researchers and practitioners, and a means for them to start interacting with it. Users now have access to a people-centric approach as well as a set of metrics to interpret the importance of the sources they have selected. As a result, ACM has established the basis for greater community participation in the future development of this resource."

Users can access Author Profile pages by clicking on any author or colleague from a citation page in the ACM DL **http://www.acm.org/dl**. Author Profile pages currently collect all the professional information from ACM's bibliographic database, known as the Guide. This data includes author names, affiliations, colleagues, links to home pages, and subject areas. It also includes publication metrics for each author that provide the range of publication years, the total count of publications and citations, and the count of those publications available for download from an ACM server. The total downloads of the available full-text sources are shown for the previous six weeks and most recent 12-

month period.

To provide the computing community with a robust, accurate set of publication metrics, ACM has undertaken substantial efforts to standardize author names, expand reference capture, and gather detailed usage statistics. While limitations to this process exist, ACM continues to improve the automated process of normalizing author names.

"ACM will continue to expand the edit feature on the Author Profile pages to accommodate more types of data, and to facilitate ease of community participation with appropriate safeguards," added White. "We encourage authors and members of the community to set up a free ACM web account, which will initially enable them to add or edit personal Profile information, and to use the feedback form to offer data corrections and suggestions for additional features. This information will be useful in determining additional enhancements to the next release of this resource. "

ACM's Digital Library and Guide **http://www.acm.org/portal** are used by thousands of computing professionals from both industry and academia. The Digital Library, which contains the full text of every document ACM has published in its more than 60 years, is an extensive collection of more than 40 ACM journals, magazines, and peer reviewed articles as well as five decades of ACM Special Interest Group (SIG) newsletters and conference proceedings. The Guide to Computing Literature is a bibliographic database of the key publications across the entire computing field. It provides links from its bibliographic records to original source material, and covers core works in computing in journals, proceedings, books, technical reports, dissertations, and requests for comment.

More information on the ACM Digital Library's Author Profile pages is available at **http://www.acm.org/membership/author_pages**.

About ACM

*ACM, the Association for Computing Machinery **www.acm.org**, is the world's largest educational and scientific computing society, uniting computing educators, researchers and professionals to inspire dialogue, share resources and address the field's challenges. ACM strengthens the computing profession's collective voice through strong leadership, promotion of the highest standards, and recognition of technical excellence. ACM supports the professional growth of its members by providing opportunities for life-long learning, career development, and professional networking.*

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