



**Association for
Computing Machinery**

Advancing Computing as a Science & Profession

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**ACM PRESIDENT PRESENTS LATEST SEMANTIC WEB APPLICATIONS FOR DIGITAL
LIBRARIES AND ELECTRONIC PUBLISHERS**

Professor Dame Wendy Hall to Keynote London Online Information Conference

LONDON – NOVEMBER 23, 2009 – Professor Dame Wendy Hall, a leader in the Semantic Web movement that is enabling users to identify, reuse, and derive new knowledge from existing data, joins Professor Nigel Shadbolt as an opening keynote speaker at the Online Information Conference 2009. They will address the latest developments in Web technology and its significance for the vast amounts of data that are published and stored on the Web. As Founding Directors of the Web Science Trust, they and their colleagues Sir Tim Berners-Lee, Daniel J. Weitzner, and James Hendler are spearheading the evolution to the Semantic Web. The conference is December 1-3 www.online-information.co.uk/online09. In addition to Dame Wendy and Professor Shadbolt, the Opening Keynote Address features moderator Adrian Dale of Creatifica Associates, UK, and is scheduled for Tuesday, December 1, from 9:45-11:00 a.m.

“The Semantic Web will transform the World Wide Web into a more useful and powerful information source. In particular it will revolutionize scientific and other web publishing by defining new web technologies that make more web content accessible to machines,” said Dame Wendy. “These technologies will provide better tools that make it easier for people to create machine-readable content that is widely available.” As an example, she pointed to the introduction of Semantic Web tools early next year in the ACM Digital Library <http://portal.acm.org/dl.cfm> to enable its hundreds of thousands of professional and student users to more easily find, share, and combine information on the Web.

As an exhibitor at the Online Information Conference http://www.online-information.co.uk/online09/exhibitor_list.html , ACM will display search and library management technology as well as resources for scientific, technical, and medical information.

Dame Wendy is one of the first computer scientists to undertake serious research in multimedia and hypermedia. The influence of her work has been significant in many areas, including digital libraries, the development of the Semantic Web, and the emerging research discipline of Web Science.

Elected President of ACM in July 2008, Dame Wendy is the first person from outside North America to hold this position. She was Senior Vice President of the Royal Academy of Engineering (2005-2008) and is a Past President of the British Computer Society (2003-2004). She is a member of the Prime Minister's Council for Science and Technology and a founding member of the Scientific Council of the European Research Council. In addition, she chairs the Advisory Board of Garlik Limited.

Dame Wendy is Professor of Computer Science at the University of Southampton, UK. She was Head of the School of Electronics and Computer Science (ECS) from 2002-2007, and the founding Head of the Intelligence, Agents, Multimedia (IAM) Research Group in ECS. She has published over 400 papers in areas such as hypermedia, multimedia, digital libraries, and Web technologies. She was appointed Dame Commander of the British Empire (DBE) in the New Year 2009 Honours List, one of only six for outstanding services to science and technology, and elected a Fellow of the Royal Society later the same year.

{Subhead}

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.

About the ACM Digital Library

The ACM Digital Library (DL) www.acm.org/dl is a vast online collection of computing resources used by hundreds of thousands of professionals and students from industry and academia. The DL holds more than two million pages of full-text articles from ACM publications as well as a bibliographic database of published computing literature that currently contains more than 1.5 million records. ACM has maintained an ongoing commitment in time, talent, and investment in the DL since its inception to ensure that it continues to flourish and fulfill the needs of the computing community while remaining a highly affordable resource for individuals and institutions.

About ACM Europe

ACM launched the ACM Europe Council <http://europe.acm.org/> to serve its European members by improving the exchange of ideas

and raising awareness with the public and with European decision-makers of important technical, educational, and social issues related to computing. This council comprises European computer scientists committed to fostering the visibility and relevance of ACM in Europe, and is focused on a wide range of European ACM activities, from high-quality ACM conferences, to expanding ACM chapters, to encouraging greater participation of Europeans in all dimensions of ACM.

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