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IEEE to Present 2008 Medal of Honor to Intel Pioneer Gordon Moore During Honors Ceremony

Ontario-based Research in Motion to be Recognized for Transforming the Mobile Work Environment

PISCATAWAY, N.J. and QUEBEC CITY, Canada, 18 September 2008 – IEEE the world's leading professional association for the advancement of technology, will honor Intel veteran Gordon Moore, leading smartphone manufacturer Research in Motion (RIM), and 17 additional global technology leaders during IEEE Honors Ceremony on 20 September 2008 in Quebec City.

Moore, co-founder and chairman of the board, emeritus, at Intel Corporation, is being awarded the 2008 IEEE Medal of Honor for his contributions to the advancement of semiconductor technology, both as an engineer and entrepreneur, and for helping to shape the global electronics industry. The award is sponsored by the IEEE Foundation.

Research in Motion (RIM), based in Waterloo, Ontario, will receive the Corporate Innovation Recognition, sponsored by IEEE, for developing and promoting the Blackberry, and helping to transform the mobile work environment.

This year's honorees have created many of the technologies and applications that are used by individuals and businesses everyday – innovations to meet the world's challenges. As a result of their achievements, smartphones allow employees to keep in contact while on the road, computers are equipped with memory that allow us to store and erase documents, 3D imaging is helping healthcare professionals to treat their patients like never before, and the continuing development of advanced computing technologies drives new solutions for a broad spectrum of global concerns. These and the other recipients will be recognized at the event for their contributions to technology, their profession and the IEEE.

The full list of 2008 IEEE Medal and Award Recipients appears below:

Gordon E. Moore, Chairman of the Board, Emeritus, Intel Corporation, Santa Clara, Calif., USA – IEEE Medal of Honor – sponsored by IEEE Foundation, “For pioneering technical roles in integrated-circuit processing, and leadership in the development of MOS memory, the microprocessor computer and the semiconductor industry.”

Gerard J. Foschini, Bell Labs Fellow, Wireless Communications Research Department, Bell Laboratories, Alcatel-Lucent, Holmdel, NEW JERSEY, USA – **IEEE Alexander Graham Bell Medal** – sponsored by Alcatel-Lucent Bell Labs, “For seminal contributions to the science and technology of multiple-antenna wireless communications.”

Chrysostomos L. (Max) Nikias, Provost and Senior Vice President for Academic Affairs, Professor of Electrical Engineering-Systems, University of Southern California, Los Angeles, Calif, USA – **IEEE Simon Ramo Medal** – sponsored by Northrop Grumman Corporation, “For outstanding leadership in engineering systems research and education, and for pioneering contributions to integrated media systems for the entertainment industry.”

Sergio Verdu, Professor of Electrical Engineering, Department of Electrical Engineering, Electrical Engineering Department, Princeton University, NEW JERSEY, USA – **IEEE Richard W. Hamming Medal** – sponsored by QUALCOMM Inc., “For fundamental contributions to information theory and the development of multiuser detection.”

Leslie Lamport, Researcher, Microsoft Corporation, Silicon Valley Research Center, Mountain View, Calif., USA – **IEEE John Von Neumann Medal** – sponsored by IBM Corporation, “For establishment of the foundations of distributed and concurrent computing.”

James T. (Tom) Cain, Professor Electrical and Computer Engineering, University of Pittsburgh, Penn, USA – **IEEE Richard M. Emberson Award** – sponsored by IEEE Technical Activities Board, “For valuable contributions to the Institute’s publications and for the advancement of electrical and computer engineering in engineering curricula.”

Research In Motion (RIM), Waterloo, Ontario, Canada – **IEEE Corporate Innovation Recognition** – sponsored by IEEE, “For developing and promoting the Blackberry, and thereby transforming the mobile work environment.”

Paul R. Gray, Professor, Provost, University of California, Berkeley, Calif., USA – **IEEE Robert N. Noyce Medal** – sponsored by Intel Foundation, “For pioneering the development of analog integrated circuits.”

Dov Frohman-Bentchkowsky, Retired, Vice President and General Manager, Intel Israel – **IEEE Edison Medal** – sponsored by Samsung Electronics Company, Ltd., “For pioneering the development of the MOS Erasable, Programmable Read Only Memory (EPROM), a key enabler of the information age revolution.”

Joseph Bordogna, Alfred Fitler Moore Professor of Engineering, University of Pennsylvania, Department of Electrical and Systems Engineering, Philadelphia, Penn., USA – **IEEE James H. Mulligan, Jr. Education Medal** – sponsored by The Mathworks, Inc., Pearson Prentice Hall, National Instruments Foundation and IEEE Life Members Committee, “For creative contributions to engineering education through leadership in integrating research and education.”

Steven B. Sample, President, University of Southern California, Los Angeles, Calif., USA – **IEEE Founders Medal** – sponsored by IEEE Foundation, “For leadership in higher education and the engineering profession, and for pioneering contributions to consumer electronics.”

Robert M. Gray, Lucent Technologies Professor of Engineering, Electrical Engineering Department, Stanford University, Stanford, Calif., USA – **IEEE Jack S. Kilby Signal Processing Medal** – sponsored by Texas Instruments, Inc., “For contributions to vector quantization and signal compression techniques.”

Wolfgang Helfrich, Professor, Institute fur The Theoretische Physik, Freie University, Berlin, Germany; **Martin Schadt**, MS High-Tech Consulting, Managing Director, Seltisberg, Switzerland; and **James Ferguson**, Ferguson Patent Properties LLC, Founder and Member, Menlo Park, Calif., USA – **IEEE Jun-ichi Nishizawa Medal** – sponsored by The Federation of Electric Power Companies, Japan and Semiconductor Research Foundation, "For pioneering development of twisted-nematic liquid crystal technology."

Yaakov Bar-Shalom, Board of Trustees Distinguished Professor and Marianne E. Klewin Professor, Electrical and Computer Engineering, University of Connecticut, Storrs, Conn. – **IEEE Dennis J. Picard Medal for Radar Technologies and Applications** – sponsored by Raytheon Company, “For contributions to techniques for radar target tracking in clutter.”

Maurice Papo, Independent Senior Consultant, Nice, France – **IEEE Haraden Pratt Award**, sponsored by the IEEE Foundation – “For furthering IEEE transnational activities and for conceiving and implementing major operational improvements leading to more effective and efficient IEEE volunteer activities.”

Jong Yong Yun, Vice Chairman and CEO, Samsung Electronics, Co., Ltd., Seoul, Korea – **IEEE Honorary Membership** – sponsored by IEEE, “For exceptional achievements in pioneering technology-drive innovation within the electronics industry, advancing engineering education, and encouraging a multidisciplinary engineering community.”

Timothy Berners-Lee, Director of the World Wide Web Consortium and Science Researcher, Computer Science and Artificial Intelligence Lab (CSAIL), Massachusetts Institute of Technology, Cambridge, Mass., USA – **IEEE Royal Society Edinburgh Wolfson James Clerk Maxwell Award** – Sponsored by Wolfson Microelectronics, plc, "For conceiving and further developing the World Wide Web."

For more information on the Honors Ceremony and these recipients visit,
http://www.ieee.org/portal/pages/about/awards/HonorsCeremony/annualhc_.html

About the IEEE

The IEEE is the world's largest technical professional society. Through its more than 375,000 members in 160 countries, the organization is a leading authority on a wide variety of areas ranging from aerospace systems, computers and telecommunications to biomedical engineering, electric power and consumer electronics. Dedicated to the advancement of technology, the IEEE publishes 30 percent of the world's literature in the electrical and electronics engineering and computer science fields, and has developed nearly 900 active industry standards. The organization annually sponsors more than 850 conferences worldwide. Additional information about the IEEE can be found at <http://www.ieee.org>.

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