

IEEE MASARU IBUKA CONSUMER ELECTRONICS AWARD

RECIPIENTS

- 2013 - MARTIN DIETZ
Vice President, EMEA and Business
Strategy, Dolby Laboratories,
Nürnberg, Germany
- AND
- KRISTOFER KJÖRLING
Principal Member Technical Staff,
Dolby Laboratories,
Stockholm, Sweden
- AND
- LARS LILJERYD
Principal Member Technical Staff and
Senior Advisor Research, Dolby
Laboratories, Stockholm, Sweden
- 2012 - GISLE BJØNTEGAARD
Chief Scientist, Tandberg Telecom,
Lysaker Norway
- AND
- GARY J. SULLIVAN
Video and Image Technology
Architect, Microsoft Corporation,
Redmond, WA, USA
- AND
- THOMAS WIEGAND
Chair Image Communication,
Fraunhofer Institute for
Telecommunications – Heinrich
Hertz Institute, Head Image
Processing Department & Berlin
University of Technology,
Berlin, Germany
- 2011 - JOAN LAVERNE MITCHELL
Ricoh /IBM InfoPrint Solutions
Company,
Boulder, CO, USA
- 2010 – JAMES BARTON
CTO, Sr. VP Research & Dev,
Director and Co-Founder TiVo, Inc.
Alviso, CA, USA
- 2009 – EUGENE J. POLLEY
Retired Engineer, Head of Video
Recording Group, Zenith Electronics
LLC,
Lincolnshire, IL, USA
- "For pioneering innovations in digital audio coding, technology leadership, and contributions to the development of High-Efficiency AAC ("HE-AAC")."
- "For leadership and technical contributions to the development of the globally deployed video coding standard H.264/MPEG4-AVC."
- "For fundamental contributions to image compression in printing technology and digital image processing in consumer electronics."
- "For contributions to the development and commercialization of digital video recorders."
- "For contributions to the technology of the wireless remote control for television and other consumer electronic products."

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- 2008 - RALPH H. BAER
Chief Engineer, RH Baer Consultants,
Manchester, NH, USA
"For commercialization of interactive video games and other consumer toys"
- 2007 – TOMLINSON HOLMAN
University of Southern California
Los Angeles, CA, USA
"For engineering contributions and innovative developments in audio and cinema multichannel playback systems."
- 2006 – WAYNE BRETLE
R&D Manager
Zenith Electronics Corporation
Lincolnshire, IL, USA
"For contributions to the development of the vestigial sideband (VSB) digital transmission system for digital television broadcasting"
- AND
RICHARD CITTA
Chief Scientist
Micronas
Palatine, IL, USA
- AND
WAYNE LUPLOW
Vice President
Zenith Electronics Corporation
Lincolnshire, IL, USA
- 2005 – No Award
- 2004 – KARLHEINZ BRANDENBURG
Professor & Head of Department of
Electronic Media Technique
University of Ilmenau,
Erlangen, Germany
"For major contributions to digital audio source coding."
- 2003 - RICHARD H. SMALL
Senior Principal Engineer,
Harmon Becker Automotive
Systems, Inc.
Martinsville, IN, USA
For major contributions to the synthesis and analysis of loudspeakers."
- AND
NEVILLE THIELE
Honorary Research Associate
Univ of Sydney, Sydney, Australia
- 2002 – TAKASHI FUJIO
"For pioneering contributions to the

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Lecturer, Himeji Institute of Technology, Engineering Department, Japan	research and development of High Definition Television."
AND	
KOZO HAYASHI Senior Executive Director, Sharp Corporation, Tokyo, Japan	
AND	
MASAO SUGIMOTO Executive Corporate Engineering Advisor, Pioneer Corporation, Tokyo, Japan	
AND	
MASAHIKO MORIZONO Chief Advisor of Technology, Sony Corporation, Tokyo, Japan	
AND	
YUICHI NINOMIYA Executive Research Engineer, Japan Broadcasting Corporation, Director, NHK Science & Technical Research Laboratories, Tokyo, Japan	
2001 – ULRICH REIMERS Institute of Nachrichtentechnik Vechelde, Germany	"For visionary leadership in the development of digital video broadcast (DVB) Standards and implementation guidelines for satellite, terrestrial and cable equipment."
2000 - MARVIN H. WHITE Lehigh University Bethlehem, PA, USA	"For pioneering and innovative contributions to the development of low-light level, solid-state imagers used in consumer products."
1999 - LEONARDO CHIARIGLIONE CSELT Torino, Italy	"For technical leadership in the development of the Moving Picture Experts Group (MPEG) international standards for motion video and audio."
1998 - JERROLD A. HELLER Consultant Encinitas, CA, USA	"For visionary engineering leadership in the development of digital television for broadcast, cable and satellite applications."
1997 - RAY M. DOLBY Dolby Laboratories, Inc. San Francisco, CA, USA	"For outstanding contributions to the development of audio noise reduction and surround sound systems."
1996 - KEES A. SCHOUHAMER IMMINK Philips Research Labs	"For pioneering contributions to consumer digital audio and video recording products."

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RECIPIENTS

Eindhoven, The Netherlands

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|---|---|
| 1995 - IRVING S. REED
University of California,
Los Angeles, CA, USA
AND
GUSTAVE SOLOMON
Private Consultant and Lecturer
Los Angeles, CA, USA | "For contributions to basic error correcting codes, specifically the Reed-Solomon Codes, which have led to the compaction of data and made possible a generation of consumer compact optical disk products." |
| 1994 -CARL G. EILERS
Zenith Electronics Corporation
Glenview, IL, USA | "For pioneering contributions to FM stereophonic and television multichannel sound broadcasting systems." |
| 1993 - GEORGE L. BRANTINGHAM
Texas Instruments,
Avezanno, Italy
AND
PAUL S. BREEDLOVE
CompuAdd,
Austin, TX, USA
AND
RICHARD H. WIGGINS
Texas Instruments,
Dallas, TX, USA | "For pioneering contributions to consumer electronics products employing synthetic speech for education and entertainment." |
| 1992 - ISAMU WASHIZUKA
Sharp Corp.
Nara, Japan | "For demonstrating technical feasibility of large size color LCD displays suitable for consumer TV applications." |
| 1991 - GILBERT F. AMELIO
Rockwell Commun. Systems
Richardson, TX, USA | "For contributions to the development of charge-coupled device image sensors, leading to their near universal use in consumer video cameras." |
| 1990 - NORMAN L. STAUFFER
Honeywell
Littleton, CO, USA | "For basic inventions leading to the development of the auto focus camera." |
| 1989 - HEITARO NAKAJIMA
SONY Corp.
Tokyo, Japan
AND
JOHANNES PETRUS SIJOU
Philips International
The Netherlands | "For technical innovation and leadership in the development of the digital audio compact disk system and the achievement of international cooperation in both the development and introduction of this system." |