

IEEE MASARU IBUKA CONSUMER ELECTRONICS AWARD

RECIPIENTS

2019 – TOMONORI AOYAMA
Professor Emeritus, The University
of Tokyo, Kamakura, Japan

“For pioneering contributions to super-
high-definition image technologies leading
to 4K digital cinema television.”

AND

TAKASHI HAYASAKA
Division Director, Digital Division,
Jemco Excel Management
Consulting Co. Ltd., Odawara,
Japan

2018 - LINUS BENEDICT TORVALDS
Fellow, Linux Foundation, San
Francisco, California, USA

"For his leadership of the development and
proliferation of Linux."

2017 - JOHN O' SULLIVAN
Electrical Engineer, Taggle Systems,
Everleigh, Australia

“For pioneering contributions to high-speed
wireless LAN technology.”

AND

DAVID SKELLERN
Chairman, Capital Markets CRC
Limited, Sydney, Australia

AND

TERENCE PERCIVAL
Director (Retired), Broadband and
the Digital Economy, NICTA,
Northbridge, Australia

2016 – STEVEN J. SASSON
President, Steven J. Sasson
Consulting LLC, Hilton, New York,
USA

“For designing and building the first digital
still camera.”

2015 - MARTIN COOPER
Chair, Dyna LLC,
Del Mar, California, USA

“For pioneering contributions to mobile
wireless technology, including the first
handheld cellular telephone.”

2014 – NOT AWARDED

2013 - MARTIN DIETZ
Vice President, EMEA and Business
Strategy, Dolby Laboratories,
Nürnberg, Germany

“For pioneering innovations in digital audio
coding, technology leadership, and
contributions to the development of High-
Efficiency AAC (“HE-AAC”).”

AND

KRISTOFER KJÖRLING
Principal Member Technical Staff,
Dolby Laboratories,

IEEE MASARU IBUKA CONSUMER ELECTRONICS AWARD
RECIPIENTS

- 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
"For fundamental contributions to image
compression in printing technology and
digital image processing in consumer
electronics."
- 2010 – JAMES BARTON
CTO, Sr. VP Research & Dev,
Director and Co-Founder TiVo, Inc.
Alviso, CA, USA
"For contributions to the development and
commercialization of digital video
recorders."
- 2009 – EUGENE J. POLLEY
Retired Engineer, Head of Video
Recording Group, Zenith Electronics
Lincolnshire, IL, USA
"For contributions to the technology of the
wireless remote control for television and
other consumer electronic products."
- 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
"For contributions to the development of

IEEE MASARU IBUKA CONSUMER ELECTRONICS AWARD

RECIPIENTS

R&D Manager
Zenith Electronics Corporation
Lincolnshire, IL, USA

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
Lecturer, Himeji Institute of
Technology, Engineering
Department, Japan

"For pioneering contributions to the
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

IEEE MASARU IBUKA CONSUMER ELECTRONICS AWARD
RECIPIENTS

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
Eindhoven, The Netherlands | "For pioneering contributions to consumer digital audio and video recording products." |
| 1995 - IRVING S. REED
University of California,
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." |
| AND
GUSTAVE SOLOMON
Private Consultant and Lecturer
Los Angeles, CA, USA | |
| 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, | "For pioneering contributions to consumer electronics products employing synthetic |

IEEE MASARU IBUKA CONSUMER ELECTRONICS AWARD
RECIPIENTS

- Avezanno, Italy
AND
PAUL S. BREEDLOVE
CompuAdd,
Austin, TX, USA
AND
RICHARD H. WIGGINS
Texas Instruments,
Dallas, TX, USA
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."