

IEEE MASARU IBUKA CONSUMER ELECTRONICS AWARD

RECIPIENTS

2022 – PETER DILLON
Retired, Kodak Research Labs,
Pittsford, New York, USA

“For contributions to the development of image sensors with integrated color filter arrays for digital video and still cameras.”

AND

ALBERT BRAULT
Retired, Kodak Research Labs,
Fairport, New York, USA

2021 – STEVE WOZNIAK
Public Speaker, Woz Speaks,
Los Gatos, California, USA

“For pioneering the design of consumer-friendly personal computers.”

2020 - EBEN UPTON
CEO, Raspberry Pi,
Cambridge, Cambridgeshire,
United Kingdom

“For creating an inexpensive single-board computer and surrounding ecosystem for education and consumer applications”

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
Corporate Officer, Business
Consulting, Tokyo, 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

“For designing and building the first digital

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- President, Steven J. Sasson
Consulting LLC, Hilton, New York,
USA 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,
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 “For leadership and technical contributions
to the development of the globally
deployed video coding standard
H.264/MPEG4-AVC.”
- 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 “For contributions to the development and

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- CTO, Sr. VP Research & Dev,
Director and Co-Founder TiVo, Inc.
Alviso, CA, USA
- 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 BRETL
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

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RECIPIENTS

- 2002 – TAKASHI FUJIO
Lecturer, Himeji Institute of
Technology, Engineering
Department, Japan
- 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
- 2000 - MARVIN H. WHITE
Lehigh University
Bethlehem, PA, USA
- 1999 - LEONARDO CHIARIGLIONE
CSELT
Torino, Italy
- 1998 - JERROLD A. HELLER
Consultant
Encinitas, CA, USA
- 1997 - RAY M. DOLBY
Dolby Laboratories, Inc.
San Francisco, CA, USA
- "For pioneering contributions to the research and development of High Definition Television."
- "For visionary leadership in the development of digital video broadcast (DVB) Standards and implementation guidelines for satellite, terrestrial and cable equipment."
- "For pioneering and innovative contributions to the development of low-light level, solid-state imagers used in consumer products."
- "For technical leadership in the development of the Moving Picture Experts Group (MPEG) international standards for motion video and audio."
- "For visionary engineering leadership in the development of digital television for broadcast, cable and satellite applications."
- "For outstanding contributions to the development of audio noise reduction and surround sound systems."

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- 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
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."