

## **IEEE MASARU IBUKA CONSUMER ELECTRONICS AWARD**

### **RECIPIENTS**

- 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  
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      "For pioneering innovations in digital audio

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- 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  
Lincolnshire, IL, USA
- 2008 - RALPH H. BAER  
Chief Engineer, RH Baer Consultants,
- 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.”
- “For commercialization of interactive video games and other consumer toys”

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Manchester, NH, USA

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  
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

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**RECIPIENTS**

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  
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."

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|---|---|
| 1994 - CARL G. EILERS<br>Zenith Electronics Corporation<br>Glenview, IL, USA  | "For pioneering contributions to FM stereophonic and television multichannel sound broadcasting systems."   |
| 1993 - GEORGE L. BRANTINGHAM<br>Texas Instruments,<br>Avezanno, Italy<br><br>AND<br><br>PAUL S. BREEDLOVE<br>CompuAdd,<br>Austin, TX, USA<br><br>AND<br><br>RICHARD H. WIGGINS<br>Texas Instruments,<br>Dallas, TX, USA | "For pioneering contributions to consumer electronics products employing synthetic speech for education and entertainment."   |
| 1992 - ISAMU WASHIZUKA<br>Sharp Corp.<br>Nara, Japan  | "For demonstrating technical feasibility of large size color LCD displays suitable for consumer TV applications."   |
| 1991 - GILBERT F. AMELIO<br>Rockwell Commun. Systems<br>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<br>Honeywell<br>Littleton, CO, USA  | "For basic inventions leading to the development of the auto focus camera."   |
| 1989 - HEITARO NAKAJIMA<br>SONY Corp.<br>Tokyo, Japan<br><br>AND<br><br>JOHANNES PETRUS SIJOU<br>Philips International<br>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." |