

**IEEE SIMON RAMO MEDAL
RECIPIENTS**

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| 2024 | JOHN A. (JACK) STANKOVIC (LFIEEE)—Professor, University of Virginia, Charlottesville, Virginia, USA | “For contributions to the theory of real-time and resource-constrained, distributed systems and the practice of cyber-physical and health systems.” |
| 2023 | AZAD MADNI (LFIEEE)—University Professor and Executive Director, USC Systems Architecting and Engineering Program, University of Southern California, Los Angeles, California, USA | “For pioneering contributions to model-based systems engineering, education, and industrial impact using interdisciplinary approaches.” |
| 2022 | PRAVIN P. VARAIYA (LFIEEE)—Professor Emeritus, Graduate School, University of California, Berkeley, Berkeley, California, USA | “For seminal contributions to the engineering, analysis, and design of complex energy, transportation, and communication systems.” |
| 2021 | ELISABETH PATÉ-CORNELL (nonmember)—Department Head, Management Science and Engineering, Stanford University, Stanford, California, USA | “For sustained leadership in developing theory and applications of probability risk analysis for the design and evaluation of complex engineering systems.” |
| 2020 | BYRANA N. SURESH
Honorary Distinguished Professor,
Indian Space Research
Organization, Karnataka,
Bangalore, India | “For outstanding leadership in developing a national space program and pioneering space technology.” |
| AND | | |
| K. SIVAN
Chairman, Indian Space Research
Organization, Karnataka,
Bangalore, India | | |
| 2019 | HAROLD LAWSON
Consultant, Lawson Konsult AB,
Stockholm, Sweden | “For pioneering contributions to computer systems, systems engineering, and standards.” |
| 2018 | HEINZ STOEWER
President, Space Associates
GmbH, Muenchen, Germany | “For pioneering accomplishments in and technical leadership of space systems engineering, and for profound influence on teaching and practice of systems engineering.” |
| 2017 | JOHN BARAS
Professor, University of Maryland,
College Park, Maryland, USA | “For exceptional contributions to the conception and commercialization of internet-over-satellite systems, and for leadership in model-based |

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engineering, systems science, and engineering research."

- 2016 JOHN LEHOCZKY
Thomas Lord Professor of Statistics and Mathematical Sciences, Dean of the College of Humanities and Social Sciences, Carnegie Mellon University, Pittsburgh, Pennsylvania, USA
"For technical leadership and contributions to fundamental theory, practice, and standardization for engineering real-time systems."
- AND RAGUNATHAN RAJKUMAR
George Westinghouse Professor, Department of Electrical and Computer Engineering, Carnegie Mellon University, Pittsburgh, Pennsylvania, USA
- AND LUI SHA
Donald B. Gillies Professor, Department of Computer Science, University of Illinois at Urbana-Champaign, Urbana, Illinois, USA
- 2015 PAUL KAMINSKI
Chairman and Chief Executive Officer, Technovation Inc., Sterling, Virginia, USA
"For leading the development of advanced low-observable airborne systems, including the F-117, and the supporting tools, training, and weapons."
- 2014 LYNDON EVANS
Director, Linear Collider Collaboration, European Centre for Particle Physics (CERN), Geneva, Switzerland
"For systems leadership of the Large Hadron Collider Project from conceptual design through completion of construction."
- 2013 GENTRY LEE
Chief Engineer, Solar System Exploration Directorate, Jet Propulsion Laboratory (JPL), Pasadena, CA, USA
"For four decades of spacecraft system engineering excellence enabling space science projects, from the Viking landers to the Phoenix Mars polar lander."
- 2012 WILLIAM "RED" WHITTAKER
Fredkin University Professor, Carnegie Mellon University, Pittsburgh, PA, USA
"For pioneering contributions to mobile autonomous robotics, field applications of robotics, and systems engineering."
- 2011 NEIL SIEGEL
Sector Vice-President and Chief Engineer, Northrop Grumman
"For the pioneering engineering that lead to the successful development of the digital battlefield, a lifesaving and integral part of US Army

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| | Information Systems, Carson, CA, USA | operations.” |
| 2010 | BARRY W. BOEHM
TRW Professor of Software Engineering, University of Southern California, Viterbi School of Engineering, Los Angeles, CA, USA | “For leadership in and innovative solutions to the integration of systems engineering and software engineering.” |
| 2009 | ALBERT F. MYERS
Consultant, La Habra Heights, CA, USA | “For invaluable contributions to the flight-control system and flight testing of the B-2 stealth bomber, which has indelibly changed how air warfare is conducted.” |
| 2008 | CHRYSOSTOMOS L. (MAX) NIKIAS
Provost and Senior Vice President for Academic Affairs, Professor of Electrical Engineering-Systems University of Southern California Los Angeles, CA, USA | “For outstanding leadership in engineering systems research and education, and for pioneering contributions to integrated media systems for the entertainment industry.” |
| 2007 | VICTOR B. LAWRENCE
Stevens Institute of Technology, Associate Dean and Batchelor Chair Professor of Electrical & Computer Engineering, Hoboken, NJ, USA | “For technical innovation and leadership in the systems engineering of worldwide data communications networks.” |
| 2006 | DONALD C. WETZEL
Retired, Co-Founder, Chairman and Sales Manager, Electronic Signature Verification Systems, Dallas, TX, USA | “For conceiving, implementing, and promoting the Automatic Teller Machine (ATM).” |
| 2005 | NEAL A. RICHARDSON
Retired, TRW Corp
Rancho Palos Verdes, CA, USA | "For pioneering conception, design and demonstration of a practical hybrid automobile power train providing extremely low exhaust emissions and high fuel efficiency." |
| AND | GEORGE H. GELB
Retired, TRW Corp and private consultant
Rancho Palos Verdes, CA, USA | |
| AND | BARUCH BERMAN
Retired, TRW Corp and private consultant,
Rancho Palos Verdes, CA, USA | |
| 2004 | BORIS E. CHERTOK
Rocket-Space Corporation | “For significant contributions to systems engineering and technical leadership of control |

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	<p>“Energy” Moscow, Russia</p> <p>AND NIKOLAI N. SHEREMETEVSKY Advisor to Director All-Russia Institute for Electromechanics, Moscow, Russia</p>	<p>systems design for the orbiting space station Mir (Peace).”</p>
2003	<p>DAVID HEEBNER Consultant, McLean, VA, USA</p>	<p>“For leadership in introducing towed line array sonar systems for long range detection of submarines.”</p>
2002	<p>BRADFORD W. PARKINSON Stanford University Stanford, CA, USA</p>	<p>“For leading the concept development and the reduction to practice the satellite-based, worldwide navigation system known as the global positioning system (GPS).”</p>
2001	<p>KURT E. PETERSEN President & COO, CEPHEID Sunnyvale, CA, USA</p>	<p>“For contributions to micro-electromechanical systems (MEMS) science and technology and their integration into systems applications.”</p>
2000	<p>ANDREW P. SAGE George Mason University Fairfax, VA, USA</p>	<p>“For outstanding contributions to the field of systems engineering.”</p>
1999	NO AWARD	
1998	NO AWARD	
1997	NO AWARD	
1996	<p>DONALD J. LEONARD AT&T Bell Laboratories Murray Hill, NJ, USA</p>	<p>“For engineering leadership in design and development of intelligent networks, digital electronic switching, transmission and signaling systems, and network databases.”</p>
1995	<p>JOSEPH T. THRESTON Martin Marietta Corporation Moorestown, NJ, USA</p>	<p>“For leadership of the design, development and production of the AEGIS ship combat system.”</p>
1994	<p>JACK M. SIPRESS AT&T Bell Laboratories Holmdel, NJ, USA</p>	<p>“For technical leadership in planning, developing, and implementing the first international long haul lightwave submarine cable system.”</p>
1993	<p>CLAUD M. DAVIS IBM Corporation Poughkeepsie, NY, USA</p>	<p>“For leadership in the pioneering development of computer-aided air traffic control systems.”</p>
1992	NO AWARD	

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| 1991 | PAUL E. GREEN, JR.
IBM Corporation
Yorktown Heights, NY, USA | "For the introduction of modern system techniques to the interpretation of seismic waves, and the application of these techniques to distinguishing earthquakes from underground nuclear explosions." |
| 1990 | NO AWARD | |
| 1989 | EDWARD H. SUSSENGUTH
IBM Corporation
Research Triangle Park, NC, USA | "For system engineering of a major computer communication network." |
| 1988 | JOHN S. MAYO
AT&T Bell Laboratories
Murray Hill, NJ, USA | "For technical leadership in the development and implementation of the world's largest integrated digital communications network." |
| 1987 | WILLIAM W. SIMMONS
TRW Space & Tech. Group,
Redondo Beach, CA, USA | "For the establishment and application of fundamental system design principles to the practical design and construction of very large solid-state laser facilities." |
| 1986 | ARNALDO MARIA ANGELINI ENEL
Rome, Italy | "For technical and managerial leadership in the integration of the Italian electric power system and for contributions to education in Systems Science and Engineering." |
| 1985 | NO AWARD | |
| 1984 | SAMUEL C. PHILLIPS
TRW, Inc., Los Angeles, CA, USA | "For technical leadership in system engineering leading to the success of the Apollo lunar program and of various space and missile programs enhancing national security and expanding technical frontiers." |