

IEEE SIMON RAMO MEDAL
RECIPIENTS

- 2020 BYRANA N. SURESH
Honorary Distinguished Professor,
Indian Space Research
Organization, Karnakata,
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 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

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| 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
Information Systems, Carson, CA,
USA | "For the pioneering engineering that lead to the successful development of the digital battlefield, a lifesaving and integral part of US Army 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." |

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| 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
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 | "For pioneering conception, design and demonstration of a practical hybrid automobile power train providing extremely low exhaust emissions and high fuel efficiency." |
| 2004 | BORIS E. CHERTOK
Rocket-Space Corporation
"Energy"
Moscow, Russia
AND
NIKOLAI N. SHEREMETEVSKY
Advisor to Director
All-Russia Institute for
Electromechanics, Moscow, Russia | "For significant contributions to systems engineering and technical leadership of control systems design for the orbiting space station Mir (Peace)." |
| 2003 | DAVID HEEBNER
Consultant, McLean, VA, USA | "For leadership in introducing towed line array sonar systems for long range detection of submarines." |
| 2002 | BRADFORD W. PARKINSON
Stanford University
Stanford, CA, USA | "For leading the concept development and the reduction to practice the satellite-based, worldwide navigation system known as the global positioning system (GPS)." |
| 2001 | KURT E. PETERSEN
President & COO, CEPHEID
Sunnyvale, CA, USA | "For contributions to micro-electromechanical systems (MEMS) science and technology and their integration into systems applications." |
| 2000 | ANDREW P. SAGE | "For outstanding contributions to the field of |

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	George Mason University Fairfax, VA, USA	systems engineering."
1999	NO AWARD	
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1996	DONALD J. LEONARD AT&T Bell Laboratories Murray Hill, NJ, USA	"For engineering leadership in design and development of intelligent networks, digital electronic switching, transmission and signaling systems, and network databases."
1995	JOSEPH T. THRESTON Martin Marietta Corporation Moorestown, NJ, USA	"For leadership of the design, development and production of the AEGIS ship combat system."
1994	JACK M. SIPRESS AT&T Bell Laboratories Holmdel, NJ, USA	"For technical leadership in planning, developing, and implementing the first international long haul lightwave submarine cable system."
1993	CLAUD M. DAVIS IBM Corporation Poughkeepsie, NY, USA	"For leadership in the pioneering development of computer-aided air traffic control systems."
1992	NO AWARD	
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."

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| 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." |