

IEEE JUDITH A. RESNIK AWARD

RECIPIENTS

2013 – NOT AWARDED

2012 - PRAMOD KUMAR VARSHNEY
Distinguished Professor, Syracuse
University,
Syracuse, NY, USA

"For contributions to and leadership in the theory and practice of multisensor data fusion for aerospace and bioengineering applications."

2011 - KAMAL SARABANDI
Rufus S. Teesdale Professor of
Engineering, Director of the
Radiation Laboratory, University of
Michigan, MI, USA

"For contributions to space-based, microwave and millimeter polarimetric radar remote sensing of the Earth's surface for civilian and military applications."

2010 – SURENDRA PAL
Deputy Director, Digital &
Communications Area, ISRO Satellite
Center Bangalore, India

"For the development of various spaceborne communication systems, planning, operationalization and advancement of Global Navigation Satellite Services (GNSS) in India."

2009 – SUDHAKAR K. RAO
Division Fellow, Lockheed Martin
Space Systems, Newton, PA, USA

"For innovations and contributions leading to advanced multiple beam and reconfigurable beam payloads for communication satellites."

2008 - MEYYA MEYYAPPAN
Director, Center of Nanotechnology,
NASA Ames Research Center,
Moffett Field, CA, USA

"For the development of nanoscience and technology in aerospace applications and his leadership in nanotechnology"

2007 - DANIELE MORTARI
Professor, Texas A&M University
College Station, TX, USA

"For innovative designs of orbiting spacecraft constellations, and efficient algorithms for star identification and spacecraft attitude estimation."

2006 - KIM M. ESS - NASA Project
Manager, Orbiter Boom Sensor
System, Houston, TX, USA

"For technical leadership in the development and certification of the Orbiter Boom Sensor System for the space shuttle."

2005 – MARCOS A. BERGAMO
Principal Scientist
BBN Technologies,
Cambridge, MA, USA

"For contributions to engineering and developing the world's first gigabit speed satellite network."

2004 – ANTHONY W. ENGLAND
Professor, Electrical Engineering and
Computer Science, University of

"For significant contributions to the development and application of spaceborne microwave radiometry to remote sensing."

IEEE JUDITH A. RESNIK AWARD
RECIPIENTS

Michigan
Ann Arbor, MI, USA

- | | |
|---|---|
| 2003 - SURESH M. JOSHI
Senior Scientist for Control Theory,
NASA Langley Research Center,
Hampton, VA, USA | "For contributions to control systems analysis and synthesis methods for flexible spacecraft and advanced space systems." |
| 2002 – YVONNE BRILL
Aerospace Consultant
Skillman, NJ, USA | "For innovations in rocket propulsion systems for geosynchronous and low earth orbit communication satellites and the foresight to champion the hybrid electric mono-propellant rocket engine." |
| 2001 - NOT AWARDED | |
| 2000 - NOT AWARDED | |
| 1999 - CHRISTOPHER S. RUF
Pennsylvania State University
University Park, PA, USA | "For contributions to the absolute calibration of spaceborne microwave radiometers." |
| 1998 - OLIVER M. COLLINS
University of Notre Dame
South Bend, IN, USA | "For the development of coding for space communications which contributed to the success of the Galileo mission." |
| 1997 - RODNEY S. ROUGELOT
Evans & Sutherland Computer Corp.
Salt Lake City, UT, USA | "For pioneering contributions to space flight simulation." |
| 1996 - PAUL G. STEFFES
Georgia Institute of Technology
Atlanta, GA, USA | "For contributions to an understanding of the Venus atmosphere through innovative microwave measurements." |
| 1995 - LEANDRE POURCELOT
University Francois Rabelais
Tours, Cedex, France | "For application of ultrasound imaging to the measurement of cardiovascular systems during space flight." |
| 1994 - JOHANNES DIETRICH
Inst. Robotics & Syst. Dynamics
Wessling, Germany | "For development of a successful high-performance, rugged, multi-sensor, miniaturized robotic gripper for use in the outer space environment." |
| 1993 - BONNIE J. DUNBAR
Lyndon B. Johnson Space Ctr.
Houston, TX, USA | "For significant contributions to the processing and development of electronic materials in space." |
| 1992 - NOT AWARDED | |

IEEE JUDITH A. RESNIK AWARD
RECIPIENTS

1991 - LESLIE J. DEUTSCH
Jet Propulsion Lab.
Pasadena, CA, USA

"For contributions to the theory and practice of deep space telecommunications and information processing."

1990 - DOUGLAS K. WAINEO
Rockwell International
Anaheim, CA, USA

"For conceiving and developing high performance antenna for the Global Positioning System spacecraft and the Space Shuttle Orbiter."

1989 - PETER MICHAEL BAY
Fairchild Space Co.
Germantown, MD, USA

"For engineering solutions to urgent spacecraft testing problems and for developments in on-orbit servicing."