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.”
<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient</th>
<th>Institution</th>
<th>Award Description</th>
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<tbody>
<tr>
<td>2003</td>
<td>SURESH M. JOSHI</td>
<td>Michigan</td>
<td>&quot;For contributions to control systems analysis and synthesis methods for flexible spacecraft and advanced space systems.&quot;</td>
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<tr>
<td></td>
<td>Senior Scientist for Control Theory, NASA Langley Research Center, Hampton, VA, USA</td>
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<tr>
<td>2002</td>
<td>YVONNE BRILL</td>
<td>Michigan</td>
<td>&quot;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.&quot;</td>
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<tr>
<td></td>
<td>Aerospace Consultant</td>
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<td></td>
<td>Skillman, NJ, USA</td>
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<tr>
<td>2001</td>
<td>NOT AWARDED</td>
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<td>2000</td>
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<tr>
<td>1999</td>
<td>CHRISTOPHER S. RUF</td>
<td>Pennsylvania State University</td>
<td>&quot;For contributions to the absolute calibration of spaceborne microwave radiometers.&quot;</td>
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<tr>
<td></td>
<td>University Park, PA, USA</td>
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<tr>
<td>1998</td>
<td>OLIVER M. COLLINS</td>
<td>University of Notre Dame</td>
<td>&quot;For the development of coding for space communications which contributed to the success of the Galileo mission.&quot;</td>
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<td></td>
<td>South Bend, IN, USA</td>
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<tr>
<td>1997</td>
<td>RODNEY S. ROUGELOT</td>
<td>Evans &amp; Sutherland Computer Corp.</td>
<td>&quot;For pioneering contributions to space flight simulation.&quot;</td>
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<td></td>
<td>Salt Lake City, UT, USA</td>
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<tr>
<td>1996</td>
<td>PAUL G. STEFFES</td>
<td>Georgia Institute of Technology</td>
<td>&quot;For contributions to an understanding of the Venus atmosphere through innovative microwave measurements.&quot;</td>
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<td></td>
<td>Atlanta, GA, USA</td>
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<td>1995</td>
<td>LEANDRE POURCELOT</td>
<td>University Francois Rabelais Tours</td>
<td>&quot;For application of ultrasound imaging to the measurement of cardiovascular systems during space flight.&quot;</td>
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<td></td>
<td>Cedex, France</td>
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<td></td>
<td>Germany</td>
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<tr>
<td>1993</td>
<td>BONNIE J. DUNBAR</td>
<td>Lyndon B. Johnson Space Ctr.</td>
<td>&quot;For significant contributions to the processing and development of electronic materials in space.&quot;</td>
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<td></td>
<td>Houston, TX, USA</td>
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<tr>
<td>1992</td>
<td>NOT AWARDED</td>
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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."