

# Peter H. Haas Award Winners

## **1991 Vernal Josephson**

For Technical Leadership in the Development of Nuclear Survivable Military Space Systems

## **1992 George C. Messenger**

For Technical Development of Nuclear Hardened Electronics and Survivable Military Systems

## **1993 Victor A. J. Van Lint**

For Contributions to Develop and Apply Nuclear Electromagnetic Hardening in Survivable Systems

## **1994 Conrad Longmire**

For Technical Excellence in the Development of Nuclear EMP and Atmospheric Effects

## **1995 James L. Ramsey**

For Significant Contributions to Hardening Strategic Weapon Systems

## **1996 John L. Wirth**

For Significant Contributions to the Understanding of Radiation Effects on Semiconductors and for Sustained Leadership in the Development of Nuclear Survivable Weapon Systems

## **1998 Charles A. Aeby**

For Technical Leadership and Management in the Development of Nuclear Survivable Air Force Space Systems

## **1999 Samuel Clay Rogers**

For Sustained Contributions to the Hardening and Hardness Verification Testing of U.S. Space and Missile Systems and to the Development of Radiation-Hardened Microelectronics

## **2000 Virgil H. Strahan**

For contributions to the Understanding of Radiation Hardness Relative to Evolving Semiconductor Industry Technologies and the Application of this Knowledge to the Development of Hardened Missile and Space Systems

**2001 Ralph H. Stahl**

For Leadership in the Design and Performance of Laboratory and Underground Nuclear Experiments that Contributed to the Basic Understanding of System Hardening to Nuclear Radiation

**2002 Edward Conrad**

For Outstanding Contributions to National Security during and after the Cold War as a Leader and Technical Contributor in the Area of Nuclear Weapons Effects, Nuclear Hardening, Survivability, Lethality, Nuclear Weapon Deployment and Arms Control Verification

**2007 Ronald L. Pease**

For Outstanding Technical Contributions to the Understanding of Radiation Effects in Bi-polar Devices and Circuits and Service to the Radiation Effects Community in Furthering the Exchange of Information in International Conferences, Short Courses and Publications

**2008 Wendland Beezhold**

For Contributions in Developing the Nuclear Weapon Output Simulation Methodology to Adequately Test Nuclear Weapon Electronics thus enabling the Cessation of Underground Testing without Impacting the Stockpile

**2009 James P. Spratt**

For Advancement in the Understanding of the Physics of Radiation Effects in Semiconductors, and for the Development of Design and Fabrication Techniques to Mitigate Radiation Effects in Survivable Systems

**2010 Dennis B. Brown**

For technical contributions to the understanding of radiation effects in semiconductor devices and for research leadership in the survivability of microelectronics for space applications

**2011 Bobby L. Buchanan**

For technical contributions to the development of microelectronic technology fabrication processes and for sustained leadership in fielding radiation-hardened military systems

**2012 Theodore F. Wrobel**

For advancements in the understanding of radiation effects in silicon semiconductors and the development of hardening technologies for space and missile systems

**2013 Bill Seidler**

For contributions to the nuclear survivability of military systems.

**2014 Tom Stringer**

For original work in advancing the understanding of electronics hardening and vulnerability effects associated with x-ray and gamma-ray system-generated electromagnetic pulse (SGEMP).

**2015 Hap Hughes**

For superior achievement in Radiation Survivability Research and Technology by enabling systems hardening through contributions to radiation-hardening successive generations of CMOS technologies.

**2016 Joan Ma Pierre**

For Sustained leadership in the development and implementation of programs to combat weapons of mass destruction

**2017 Robert "RC" Webb**

For sustained technical leadership and advocacy of advancements in hardening strategic military systems against nuclear weapon effects

**2018 William "Bill" Prather**

For advancing the understanding and testing of high-power microwave and electromagnetic pulse nuclear weapon effects on U.S. military systems

**2019 David Emily**

For sustained leadership in the development of radiation hardened technologies and contributions to the life-extension of strategic DoD systems