

**IEEE INNOVATION IN SOCIETAL INFRASTRUCTURE AWARD**  
**RECIPIENTS**

- 2018 - DAVID F. FERRAIOLO  
Senior Computer Scientist, National  
Institute of Standards and  
Technology, Gaithersburg,  
Maryland, USA
- AND
- D. RICHARD KUHN  
Computer Scientist, National  
Institute of Standards and  
Technology, Gaithersburg,  
Maryland, USA
- AND
- RAVI SANDHU  
Professor of Computer Science  
and Lutcher Brown Chair in  
Cybersecurity, University of Texas  
at San Antonio, San Antonio,  
Texas, USA
- 2017 - ANTONELLO (ANTO) MONTI  
Professor/Institute Director,  
RWTH Aachen University, Aachen,  
Germany
- 2016 – WILLIAM H. SANDERS  
Department Head, Electrical and  
Computer Engineering, and  
Donald Biggar Willett Professor  
of Engineering, University of  
Illinois at Urbana-Champaign,  
Urbana, Illinois, USA
- 2015 - TAKEMOCHI ISHII  
Professor Emeritus, University of  
Tokyo, Minatoku, Tokyo, Japan
- AND
- HIROKAZU IHARA  
Board Director, International  
Institute of Intelligence and  
Information, Machida, Tokyo,  
Japan
- AND
- ATSUNOBU ICHIKAWA  
Professor Emeritus, Tokyo Institute  
of Technology, Machida, Tokyo,  
Japan
- “For advancing the foundations and practice of information security through creation, development, and technology transfer of role-based access control (RBAC).”
- “For accelerating innovation of energy, information, and communication technologies for the urban environment.”
- “For the assessment-driven design of trustworthy cyber infrastructures for electric grid systems.”
- “For pioneering the concept of dependable autonomous decentralized systems and contributing to its practical application in early transport control systems.”

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2014 – BALAJI PRABHAKAR  
Professor, Stanford University,  
Stanford, CA, USA

“For his demonstration of the innovative use of information technology and distributed computing systems to solve long-standing societal problems, in areas ranging from transportation to healthcare and recycling.”