

William H. Sanders Biography



William H. Sanders is a Donald Biggar Willett Professor of Engineering and the Head of the Department of Electrical and Computer Engineering (www.ece.illinois.edu) at the University of Illinois at Urbana-Champaign (illinois.edu). He is a professor in the Department of Electrical and Computer Engineering and in the Department of Computer Science. He is a fellow of the IEEE, the ACM, and the AAAS; a past chair of the IEEE Technical Committee on Fault-Tolerant Computing; and past vice-chair of the IFIP Working Group 10.4 on Dependable Computing. He was the founding director of the Information Trust Institute (www.iti.illinois.edu) at Illinois (2004-2011), and served as director of the Coordinated Science Laboratory (www.csl.illinois.edu) at Illinois from 2010 to 2014.

Dr. Sanders's research interests include secure and dependable computing and security and dependability metrics and evaluation, with a focus on critical infrastructures. He has published more than 270 technical papers in those areas. He served as the director and PI of the DOE/DHS Trustworthy Cyber Infrastructure for the Power Grid (TCIPG) Center (tcipg.org), which did research at the forefront of national efforts to make the U.S. power grid smart and resilient. He was the 2016 recipient of the IEEE Technical Field Award, Innovation in Societal Infrastructure, for "assessment-driven design of trustworthy cyber infrastructures for societal-scale systems."