

IEEE Reliability Society “Engineer of the Year” Award 2022



Dr. Christian K. Hansen is Department Chair and Professor of Statistics in the Department of Mathematics, Eastern Washington University and served as President of the IEEE Reliability Society (2014-2016). He has been a faculty member at EWU since 1993 and served in a variety of academic and administrative leadership positions including Associate Dean of CSTEM and Director of the School of Computing and Engineering Sciences. He has been active in the statistics and reliability engineering profession for over 30 years and published broadly on a variety of applications involving data derived from engineering systems. He is a frequently invited keynote speaker at international engineering conferences, and has given keynotes on such topics as Big Data, Internet of Things and Data Management. He is also the author of the book “Time Management for Department Chairs” (Jossey-Bass, 2011) and frequently provides training and workshops for academic department chairs.

IEEE Reliability Society Lifetime Achievement Award 2022



Phil Laplante is a computer scientist at the US National Institute of Standards and Technology (NIST) in Gaithersburg, MD. He has also spent more than 30 years in academia as professor, the last 20+ years at Penn State. He has also worked as a software engineer and project manager for avionics, CAD, and software testing systems. He has published 38 books and more than 300 scholarly papers and is a licensed professional engineer in the Commonwealth of Pennsylvania.

His research interests are in all aspects of software engineering for safety critical systems in a wide range of applications. He received his B.S., M.Eng., and Ph.D. from Stevens Institute of Technology and an MBA from the University of Colorado. He is a Fellow of the IEEE and SPIE and has won international awards for his teaching, research and service. From 2010-2017 he led the effort to develop a national licensing exam for software engineers.

IEEE Reliability Society Education Award 2022



Dr. Kailash [Kal] C. Kapur is a Professor Emeritus, Industrial & Systems Engineering in the College of Engineering at the University of Washington, Seattle. He was the Director of Industrial Engineering at the University of Washington from January 1993 to September 1999. He was a Professor and the Director of the School of Industrial Engineering, University of Oklahoma from 1989-1992 and a professor in the Department of Industrial and Manufacturing Engineering at Wayne State University, Detroit, Michigan from 1970-1989. He has worked with General Motors

Research Laboratories and was a visiting scholar for Ford Motors. He has done training and consulting for over fifty companies [both national and international]. Dr. Kapur received the Ph. D. degree in Industrial Engineering & Operations Research from the University of California, Berkeley, California and M. Tech from Indian Institute of Technology, Kharagpur, India. He has also had visiting professor appointments at the University of Maryland, College Park; Beihang University, Beijing, China; Norwegian University of Science and Technology, Trondheim and Hong Kong University of Science and Technology [HKUST], Hong Kong.

Prof. Kapur has co-authored three books including Reliability in Engineering Design (1977) and Reliability Engineering (2014) both published by John Wiley. He received the Allan Chop Technical Advancement Award from the Reliability Division and the Craig Award from the Automotive Division of American Society for Quality [ASQ]. He is a Fellow of American Society for Quality, a fellow of the Institute of Industrial Engineers, and a registered professional engineer.