

NAECON Dan Repperger Best Paper Award



The Repperger Best Paper Award honors the life and works of Dr. Daniel W. Repperger (1942-2010) a scientist and mentor to many young engineers and scientists. As a researcher in the Air Force Research Laboratory's Human Effectiveness Directorate for 35 years, Dr. Repperger's mathematical and scientific innovations have revolutionized image and network complexity analysis. He received international recognition in haptic controllers, human-machine interface performance enhancement, and mathematical methods development. While Dr. Repperger's significant research accomplishments helped advanced the performance of Air Force airmen and the field of human-centered research, his most significant accomplishment may well be the impact he had as a kind and caring mentor of many young Air Force scientists and science and engineering students.

Dr. Repperger received a BS and MS in Electrical Engineering from Rensselaer Polytechnic Institute and a PhD in Electrical Engineering from Purdue University. He was a David Ross Research Fellow at Purdue from 1971-1973 and a National Research Council Post-Doctoral Fellow at Wright-Patterson AFB from 1973-1975. A member of Eta Kappa Nu, Tau Beta Pi and Sigma Xi, Dr. Repperger was a Registered Professional Engineer in Ohio and on the Board of Trustees of the Ohio Academy of Sciences. He was a Fellow of the IEEE, Air Force Research Laboratory, American Institute of Medical and Biological Engineering, the Ohio Academy of Science and the Aerospace Medical Association. Dr. Repperger authored over 400 technical journal articles, reports and conference publications, was selected as Associate Editor of five international journals and obtained 14 U.S. patents and 28 Air Force invention registrations. His honors and awards include the Harry G. Armstrong Scientific Excellence Award, Human Effectiveness Directorate Mentor of the Year, IEEE Third Millennium Medal Winner and the IEEE Dayton Fritz Russ Award. Dr. Repperger is listed in the Who's Who in Science and Engineering and the American Men and Women of Science.