

## **Dr. Clas Jacobson Senior Fellow - Systems Engineering**



### **Biographical Profile**

Clas Jacobson, Ph.D., is Senior Fellow, Systems Engineering, United Technologies Research Center (UTRC), where he focuses on new product development, verification and acceptance testing, root cause identification and mitigation, and manufacturing and quality. As such, he works closely with all United Technologies Corp. (UTC) business units to identify and drive sustained organizational change in technical capability and capacity on behalf of UTRC's aerospace and building portfolios.

Jacobson has served in a number of roles at UTC, including Director, Carrier Program Office, UTRC; Director, Systems Department, UTRC; Manager, Controls Technology Group, UTRC; and Chief Scientist, Systems & Controls Engineering, UTC. Prior to joining UTRC in 1994, he worked as a tenured Associate Professor at Northeastern University, Boston, Massachusetts and Visiting Assistant Professor at Rensselaer Polytechnic Institute (RPI), Troy, New York.

A member of the Association for Computing Machinery (ACM), Society of Industrial and Applied Mathematics (SIAM), American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE), American Mathematical Society (AMS) and the Institute of Electrical and Electronics Engineers (IEEE), Jacobson has been a plenary speaker and a member of review panels for the National Institute of Standards and Technology (NIST) and the National Academy of Engineering. He holds three U.S. patents and has authored more than 80 publications, including books, book chapters, technical journal articles and peer-reviewed papers.

Jacobson received his Ph.D. and master's degrees in electrical engineering, as well as a bachelor's degree in computer systems engineering from RPI.