

Dr. Alan Finn Fellow, Systems



Biographical Profile

As Research Fellow, United Technologies Research Center (UTRC), Alan Finn, Ph.D., is responsible for strategic technical planning, external resource development, program planning and management, intellectual property strategy, technology transfer, and publication of research for the Research Center's Systems Department. In this role, he conducts original research and consults in digital signal processing, diagnostics and prognostics, computer architecture, wireless communications, and fault-tolerance for embedded computer systems. Prior to joining UTRC in 1986, Finn served as a member of the technical staff at Allied/Bendix Aerospace Technology Center, Columbia, Maryland.

A technical leader in the areas of video analytics and embedded computer systems, Finn has authored and/or co-authored 26 externally published papers and holds 56 U.S. patents in the areas of video analytics, machinery diagnostics, position localization, active control of noise and vibration, cryptography, and computer architecture.

He is a member of the Institute of Electrical and Electronics Engineers (IEEE), served as program committee member for various technical conferences, and is a former member of several graduate committees. Finn earned B.S. degrees in mathematics and electrical engineering at Rensselaer Polytechnic Institute, Troy, New York; and holds a master's and Ph.D. in electrical engineering from Cornell University, Ithaca, New York.