



## **Tamer Başar**

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**Title:** Sensing, Coordination and Control in Adversarial Environments with Limited Actions

### **Biography**

**Tamer Başar** is with the University of Illinois at Urbana-Champaign (UIUC), where he holds the academic positions of Swanlund Endowed Chair, Center for Advanced Study Professor of Electrical and Computer Engineering, Research Professor at the Coordinated Science Laboratory, and Research Professor at the Information Trust Institute. He received the B.S.E.E. degree from Robert College, Istanbul, and the M.S., M.Phil, and Ph.D. degrees from Yale University. He joined UIUC in 1981 after holding positions at Harvard University and Marmara Research Institute (Turkey). He has published extensively in systems, control, communications, and dynamic games, and has current research interests in modeling and control of communication networks; control over heterogeneous networks; formation in adversarial environments; estimation and control with limited sensing and transmission; resource allocation, management and pricing in networks; mobile and distributed computing; and security issues in computer networks.

Dr. Başar is currently the Editor-in-Chief of *Automatica*, Editor of the Birkhäuser Series on *Systems & Control*, Managing Editor of the *Annals of the International Society of Dynamic Games* (ISDG), and member of editorial and advisory boards of several international journals in control, wireless networks, and applied mathematics. He has received several awards and recognitions over the years, among which are the Medal of Science of Turkey (1993); Distinguished Member Award (1993), Axelby Outstanding Paper Award (1995), and Bode Lecture Prize (2004) of the IEEE Control Systems Society (CSS); Tau Beta Pi Drucker Eminent Faculty Award of UIUC (2004); Quazza Medal (2005) and Outstanding Service Award (2005) of the International Federation of Automatic Control (IFAC); Bellman Control Heritage Award (2006) of the American Automatic Control Council (AACC); honorary doctorate (Doctor Honoris Causa) from Doguş University (Istanbul; 2007); honorary professorship from Northeastern University (Shenyang; 2008); and Isaacs Award of ISDG (2010). He is a member of the US National Academy of Engineering, a member of the European Academy of Sciences, a Fellow of IEEE, a Fellow of IFAC, a past president of CSS, the founding president of ISDG, and current President of AACC.