ECE Short Course

Speaker: Professor Maamar Bettayeb

Electrical and Computer Engineering Department, University of Sharjah, UAE

Distinguished Adjunct Professor, College of Engineering, King Abdulaziz University

Short Biography

Professor Maamar Bettayeb received the B.S., M.S., and Ph.D. degrees in Electrical Engineering from University of Southern California, Los Angeles, in 1976, 1978 and 1981, respectively.

He worked as a Research Scientist at the Bellaire Research Center at Shell Oil Development Company, Houston, Texas, USA, during 1981/1982. From 1982 to 1988, He directed the Instrumentation and Control Laboratory of High Commission for Research in Algeria. In 1988, He joined the Electrical Engineering Department at King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia, until 2000. He has been Professor at University of Sharjah UAE since August 2000. He is also currently Distinguished Adjunct Professor at the College of Engineering, King Abdulaziz University, Jeddah, KSA.

He has published over 300 journal and conference papers in the fields of control and signal processing. He has also supervised over 50 M. Sc. and Ph. D. students.

Throughout his career, Professor Bettayeb received ample recognition for his work in the form of awards and honors, such as the Best Distinguished Research Award in 1993-94 and 1998-99, and the Outstanding Advisor Award in 1996-97 at KFUPM. He also received the Best Researcher Award at University of Sharjah in 2001-2002, 2006-2007, 2007-2008 and 2010-2011, the Best Research Paper Bank of Sharjah Award in 2003-2004, the Best Research Project Award in 2006-2007, supervisor for the Best Student Paper Award, supervisor for the Best Student Project Award in 2006-2007, supervisor for the Best Master Thesis Award in 2009-2010 as well as the Best Teaching Award at University of Sharjah in 2011-2012.

His research interest is in H_∞ optimal control, model reduction, estimation, identification, image compression and restoration, networked control systems, fractional dynamic modeling and control, soft computing, wavelets, renewable energy systems modeling and control, and engineering education.