

BIOGRAPHICAL SKETCH



Antonios Armaou was born in Athens, Greece, in 1972. He received the Diploma in Chemical Engineering degree from the National Technical University of Athens, Greece, in 1996, and the Ph.D. degree in Chemical Engineering from the University of California at Los Angeles, in 2001. From 2001 to 2002, he held a postdoctoral research position at Princeton University, after which he joined the faculty of the Chemical Engineering department at Pennsylvania State University where he currently is assistant professor and a faculty member to the Operations Research graduate program.

His theoretical research interests include nonlinear and robust control, and model reduction, optimization and control of nonlinear distributed parameter and multiscale process systems, with applications to chemical processes, advanced materials and semiconductor processing, fluid flows and biomedical systems. He has co-authored more than thirty journal publications and forty refereed conference proceedings papers and one book on the control and optimization of multiscale process systems.

Dr. Armaou has received the O. Hugo Schuck Best Paper Award given by the American Automatic Control Council in 2000. In 2006 he received the Research Initiation Award (PRF 44300-G9) by the American Chemical Society-Petroleum Research Fund and the CAREER Award (CBET 06-44519) by the National Science Foundation. He has been an Associate Editor to the Conference Editorial Board of the I.E.E.E. Control Systems Society since 2005.