

Biographical Sketch: Constantino Lagoa

Address: Electrical Engineering Department
Pennsylvania State University
Room 205 Electrical Engineering West
University Park, PA 16802

Office Phone: (814) 865-0244
Dept. Phone: (814) 863-2788
Fax: (814) 865-7065

E-mail: Lagoa@engr.psu.edu

Affiliation:

2010 – Present Professor of Electrical Engineering
Pennsylvania State University, University Park, Pennsylvania

2004 – 2010 Associate Professor of Electrical Engineering
Pennsylvania State University, University Park, Pennsylvania

1998 – 2004 Assistant Professor of Electrical Engineering
Pennsylvania State University, University Park, Pennsylvania

Educational Background:

1994 – 1998 Ph. D. in Electrical and Computer Engineering
(with a minor in Mathematics)
University of Wisconsin - Madison

1991 – 1994 Master of Science in Electrical and Computer Engineering
Instituto Superior Tecnico, Technical University of Lisbon, Lisbon,
Portugal

1986 – 1991 Bachelors Degree in Electrical and Computer Engineering
Instituto Superior Tecnico, Technical University of Lisbon, Lisbon,
Portugal

Research Interests:

System Identification
Application of Probability to Robustness Analysis and Control
Control of Computer Networks
Discrete Event Dynamical Systems

Awards:

NSF CAREER award 2000-2004

Membership in Professional and Learned Societies:

The Institute of Electrical and Electronic Engineers (IEEE), 1994-Present

IEEE Control Systems Society, 1994-Present

IEEE Computer Society, 1998-Present

Funding:

- NSF CAREER award - \$200,000
- NSF proposal "Decentralized Traffic Engineering in the Internet: A Sliding Mode Approach" - \$340,000
- NSF proposal "Collaborative Research: NeTS-NBD: An Integrated Solution to Provide QoS, Traffic Engineering, and Fault Tolerance in an Overlay Network Environment," \$130,000.00
- NSF proposal "Risk Adjusted Robust Control Theory and Applications," National Science Foundation, \$240,000.00
- NSF proposal "EXP-SA: Detection of Explosives using HTS Enhanced Quadrupole," NSF, \$399,877.00
- NSF proposal "Robust Optimal Real-Time Control of Multiproduct Supply Chains," NSF, \$200,000.00

Selected Recent Activities:

Supervised seven Ph. D. Thesis and ten Master Thesis.

Local Arrangements Chair of the Workshop on Uncertain Systems held in Cascais in July 2002 which is sponsored by the IFAC Technical Committee on Robust Control.

Member of the O. Hugo Schuck Best Paper Award Committee 2001.

Member of the 2003-2007 Conference on Decision and Control Best Student Paper Award Committee.

Associate Editor of IEEE Transactions on Control Systems Technology: January 2009-Present

Associate Editor of IEEE Control Systems Society Conference Editorial Board: 2005 - 2010