



Technical Co-sponsor: IEEE Hong Kong Section
Robotics and Automation/Control Systems Joint Chapter

Jointly present

SEMINAR SERIES ON

CHAOS, CONTROL AND COMPLEX NETWORKS

Fridays, 7 Sept – 28 Dec 2007, 4:30 pm – 5:30 pm

Room **B6605**, City University of Hong Kong

Or Room **CD634**, Hong Kong Polytechnic University

(All presentations will be in **English**)

THE CENTRE FOR CHAOS AND COMPLEX NETWORKS at the City University of Hong Kong and the Department of Electronic and Information Engineering at the Hong Kong Polytechnic University continue their joint seminar series in this semester, to present tutorial overviews and original research work in the general areas of chaos and bifurcation, systems control, and their engineering applications. A list of tentative topics and schedule is as follows.

7 Sept	Prof. Jonathan Zhu, City University of Hong Kong <i>Opportunities and challenges for network analysis of social and behavioral data</i> (Venue: CD634 PolyU, Chair: M. Tse)
14 Sept	Prof. Henry Chung, City University of Hong Kong <i>Application of boundary control in power electronic systems</i> (Venue: B6605, CityU, Chair: W. Tang)
21 Sept	Dr. Thomas Choi, Hong Kong Polytechnic University <i>Simulating operative procedures with virtual reality</i> (Venue: CD634, PolyU, Chair: F. Lau)
28 Sept	Miss Ying Liu, City University of Hong Kong <i>Symbolic Entropy and Its Applications in EEG Signals Processing</i> (Venue: B6605, CityU, Chair: R. Chen)
5 Oct	Dr. Jing Liu, Hong Kong Polytechnic University <i>Complex networks in software systems</i> (Venue: CD634, PolyU, Chair: M. Tse)
12 Oct	Mr. Qingfeng Zhou, Hong Kong Polytechnic University <i>Cooperative relaying communications</i> (Venue: B6605, CityU, Chair: K.T. Ko)
26 Oct	Dr. Wai Man Tam, Hong Kong Polytechnic University <i>Modeling the telephone network</i> (Venue: CD634, PolyU, Chair: M. Small)
2 Nov	Dr. Lin Dai, City University of Hong Kong <i>A statistical theory of wireless networks</i> (Venue: B6605, CityU, Chair: T. Chow)
9 Nov	Dr. Bernard Fong, Auckland University of Technology, New Zealand <i>Challenges and Advancements in Wireless Telemedicine Networks</i> (Venue: CD634, PolyU, Chair: F. Lau)
16 Nov	Dr. Michael Small, Hong Kong Polytechnic University <i>Winning at Roulette</i> (Venue: B6605, CityU, Chair: A. Leung)
23 Nov	Dr. K.W. Wong, City University of Hong Kong <i>Joint image compression and encryption using chaos</i> (Venue: CD634, PolyU, Chair: M. Tse)
30 Nov	Dr. Changsong Zhou, Hong Kong Baptist University <i>Structure-function relationship in complex brain networks</i> (Venue: B6605, CityU, Chair: K.W. Chung)
7 Dec	Dr. Xiaoke Xu, Hong Kong Polytechnic University <i>Nonlinear character of sea clutter</i> (Venue: CD634, PolyU, Chair: M. Small)
14 Dec	Prof. John Billingsley, Australian Centre for Agricultural Engineering, Australia <i>Machine vision: control and other strange applications</i> (Venue: B6605, CityU, Chair: K.W. Wong)
28 Dec	Prof. Stuart Milner, University of Maryland, USA <i>Self-organizing wireless networks</i> (Time: 11:00am, Venue: B6605, CityU, Chair: R. Chen)