Jointly present

SEMINAR SERIES ON
CHAOS, CONTROL AND COMPLEX NETWORKS
Fridays, 5 Sept – 19 Dec 2008, **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.

Date	Details
5 Sept	Dr Phillip Yam, Department of Applied Mathematics, PolyU *What is the right time to buy/sell a stock? A solution to Shiryaev-Zhou problem.* (Venue: CD634 PolyU, Chair: M. Tse)
12 Sept	Dr Eric Wong, Department of Electronic Engineering, CityU *Generalizing traditional teletraffic models for modern optical network technologies* (Venue: B6605, CityU, Chair: S. Chan)
19 Sept	Prof. Ling Guan, Ryerson University, Canada *Optimal resource allocation for video streaming over distributed communication networks* (Venue: CD634, PolyU, Chair: K. Lam)
26 Sept	Dr Takayuki Kimura, Department of Electronic and Information Engineering, PolyU (formerly with Saitama University, Japan) *Chaotic neurodynamics approach for dynamic optimization problems* (Venue: G6302, CityU, Chair: R. Chen)
3 Oct	(Long weekend between National Day and Chung Yeung Festival holidays)
9 Oct (Thurs)	Dr Heinz Koeppl, Ecole Polytechnique Federale de Lausanne, Switzerland *How liquid is biological signaling? An investigation into the statistical properties of synthetic protein networks* (Venue: CD634, PolyU, Chair: M. Small)
13 Oct (Mon 2:30pm)	Dr Giulia Cuccato, University of Bristol, UK *PIN-Ap: an eqigentic synthetic "toggle switch"* (Venue: G6302, CityU, Chair: T. Chow)
17 Oct	Prof. H.K. Kwan, University of Windsor, Canada *Advanced in variable digital fliters and applications* (Venue: CD634, PolyU, Chair: K. Lam)
24 Oct	Dr Derek Pao, Department of Electronic Engineering, CityU *High-speed string matching for Network Intrusion Detection* (Venue: G6302, CityU, Chair: W. Tang)
31 Oct	Dr Chau Yuen, Infocomm Research, Singapore *Multi-user MIMO* (Venue: CD634, PolyU, Chair: F. Lau)
7 Nov	Dr Lam Yeung, Department of Electronic Engineering, CityU *On complex biological systems, a pathway modelling and identification* (Venue: B6605, CityU, Chair: K.W. Wong)
14 Nov	Dr Jimmy To, Department of Electronic and Information Engineering, PolyU *Challenges and fun in designing agile mobile robots* (Venue: CD634, PolyU, Chair: M. Tse)
21 Nov	Dr Jie Zhang, Department of Electronic and Information Engineering, PolyU *How complex is a complex network?* (Venue: B6605, CityU, Chair: A. Leung)
28 Nov	Ms Jin Zhou, Department of Electronic and Information Engineering, PolyU *Flocking of multi-agent dynamical systems based on pseudo-leader mechanism* (Venue: CD634, PolyU, Chair: M. Small)
5 Dec	Dr Fei Xu, Hong Kong Baptist University *Global Stability, Chaos Control and Synchronization of Dynamic Systems, and Chaotic Systems with Time Delays* (Venue: B6605, CityU, Chair: K.W. Chung)
12 Dec	Ms Xiaohui Qu, Hong Kong Polytechnic University *Some issues and challenges in the design of LED lighting power supplies* (Venue: CD634, PolyU, Chair: M. Tse)
19 Dec	Dr Michael Z.Q. Chen, University of Leicester, UK *Synchronised behaviour and flocking* (Venue: B6605, CityU, Chair: R. Chen)

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