



IEEE Computational Intelligence Society ExCom Seminar Series March 18, 2011, 8:00-18:00 – University of São Paulo - Brazil

The IEEE Computational Intelligence Society ExCom Seminar Series will address nature-inspired computational paradigms for problem solving. The lectures will be given by the executive officers of the IEEE Computational Intelligence Society. Each member of Executive Committee is an internationally recognized researcher from different areas in neural networks, fuzzy systems, and evolutionary computation. This will be an important opportunity for the Brazilian community in the field of Computational Intelligence.

Program of the Seminar Series:

- 8:00-8:30 **IEEE and CIS Overview**
Gary G. Yen, IEEE CIS President, Oklahoma State University, USA
- 8:30-9:30 **Monitoring, Fault Tolerance and Control of Large-scale Distributed Systems: A Computational Intelligence Approach**
Marios M. Polycarpou, IEEE CIS President-Elect, University of Cyprus, CYPRUS
- 9:30-10:30 **Neural Control**
Jennie Si, IEEE CIS VP Education, Arizona State University, USA
- 10:30-11:30 **Computational Intelligence Applied to Time-Series Analysis**
Pablo Estevez, IEEE CIS VP Members Activities, Universidad de Chile, CHILE
- 11:30-13:00 **LUNCH BREAK**
- 13:00-14:00 **Fuzzy Rule-based Classifier Design and Fuzzy Data Mining: From Heuristic Rule Extraction to Multi-Objective Optimization**
Hisao Ishibuchi, IEEE CIS VP Technical Activities, Osaka Prefecture University, JAPAN
- 14:00-15:00 **Cultural-based Particle Swarm Optimization for Multiobjective Optimization**
Gary G. Yen, IEEE CIS President, Oklahoma State University, USA
- 15:00-16:00 **Computational Intelligence Approaches for Pattern Recognition in Bioinformatics**
Gary B. Fogel, IEEE CIS VP Conferences, Natural Selection Inc., USA
- 16:30-18:00 **IEEE CIS South Brazil Chapter Meeting**
All are welcomed

This Seminar Series will take place at the University of São Paulo, in the amphitheater of the Electrical Engineering building, Polytechnic School (EPUSP), which is located at Cidade Universitaria in the City of São Paulo. It is sponsored by the South Brazil Chapter of the IEEE Computational Intelligence Society, and its registration is free of charge and open to all the professional and researchers of the computational intelligence community. Register soon using the instructions on the website www.lsi.usp.br/iconc/ieee-cis, and be sure to check regularly for updated details.