The IEEE CIS Tunisia Chapter
and the National School of Engineers of Sfax
are inviting all interested IEEE members, researchers, and students
to a distinguished lectures presented by

Russell C. Eberhart

IEEE Fellow, Chair of the Department of Electrical and Computer Engineering, Indiana University, USA
Professor of Electrical and Computer Engineering, Adjunct Professor of Biomedical Engineering
http://www.engr.iupui.edu/~eberhart/

- Associate Editor of IEEE Transactions on Evolutionary Computation
- Past President of IEEE Neural Networks Council
- Author of over 100 technical papers
- Co-author of Swarm Intelligence, published by Morgan Kaufmann in 2001
- Fellow of the American Institute for Medical and Biological Engineering
- Four U.S. patents
- Co-founder of Computelligence LLC

Areas of interest:
- Biomedical data acquisition and analysis, pioneered use of neural networks for a number of biomedical applications, including EEG spike detection
- CI (neural nets, fuzzy logic, evolutionary computation); co-developer with Jim Kennedy of the particle swarm optimization concept
- Applications of actigraphy to neurology, sleep, and human performance assessment
- Electric and hybrid vehicle technology, including Formula Lightning racing
- Logistics and mission planning optimization

December 17, 2010 at 09:00-12:00: Swarm Intelligence
December 18, 2010 at 09:00-10.15: Evolving Neural Networks
10:45-12:30: Biomedical Applications of CI

Amphi 6, National School of Engineers of Sfax, Tunisia

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