CALL FOR PAPERS

Intelligent Systems and Computing: Theory and Applications

6-7 July 2006,
Ayia Napa, Cyprus
web site: http://www.cs.ucy.ac.cy/ISYC06

SCOPE:
System theory involves the use of intelligent techniques for modelling, sensing, control and computing in different disciplines and areas. While the approaches followed are often conceptually similar on the high level, they appear to be different on the lower levels. In addition the frequent use of different notation and language makes it awkward for people in one area to understand the approaches followed in another area. The scope of this conference is to gather researchers from different areas and disciplines to present results and participate in discussions under the common theme of intelligent systems and computing. These interactions will facilitate a better understanding of the diversity of the different approaches as well as of their similarities. In addition it will open the way for applying approaches that have been successful in one area to problem solving in different areas and applications.

Topics include:
- ❖ Modeling and Control of Complex Systems
- ❖ Computational Intelligence in Complex Systems
- ❖ Neural and Fuzzy Systems
- ❖ Signal and Image Processing Systems
- ❖ Mobile Computing
- ❖ Pervasive computing
- ❖ Distributed databases
- ❖ Large Space Structures
- ❖ Aerospace Systems
- ❖ Control of Flows
- ❖ Biological Systems
- ❖ Transportation Systems
- ❖ Communication Networks
- ❖ Wireless and Mobile Networks
- ❖ Ad-hock and Sensor Networks
- ❖ Robotics

Important Dates:
Paper Submission: 31st March 2006
Notification of paper acceptance: 28th April 2006
Camera-Ready Version Due: 20th May 2006

VENUE:
The venue of the workshop is a five star hotel by one of the most beautiful beaches in Cyprus and within walking distance from what it used to be the fishing village of Ayia Napa. Today's Ayia Napa is considered to be one of the best centers for entertainment in Mediterranean with numerous restaurants, tavernas, nightclubs. Yet the hotel is far enough to provide a quite place for scientific gatherings and discussions in a very relaxing setting.