

# BIONETICS 2006

BIONETICS  
2006

Technically sponsored by IEEE CIS and IEEE SMC

In co-operation with ACM SIGSIM, ACM SIGEVO and ACM SIGCAS

1<sup>st</sup> International Conference on

**Bio-Inspired Models of Network, Information and Computing Systems**

Jointly sponsored by:



**11-13 December, 2006, Cavalese (Italy)**

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## CALL FOR PARTICIPATION

It is now being recognized that nature, and especially biology, offer a large array of fascinating phenomena, and their high stability and efficiency are highly applicable to ICT systems. The goal of BIONETICS is to present and discuss different approaches of how these phenomena, and the disciplines underlying them, could be applied to ICT developments.

## CONFERENCE PROGRAM

The conference program includes:

- 8 Technical sessions. The topics include *bio-inspired mathematical models, methods and tools, bio-inspired software, bio-inspired networks and communication systems, bio-inspired security mechanisms and bio-inspired and bio-based nano-scale communication and information systems*
- A keynote speech from **Luke P. Lee** (Department of Bioengineering, University of California at Berkeley, USA), *Biologically Inspired Artificial Compound Eyes and Optofluidic Systems*.
- A panel on *Nano scale communications and computing/communication models for nano scale communication*, organized by **Tadashi Nakano** (University of California, Irvine, USA).
- A panel on *BIONETICS: a methodology or a source of inspiration?*, organized by **Masayuki Murata**, Osaka Univ., Japan

## REGISTRATION

Early registration deadline is November 11, 2006. Reduced registration fees are available for students and members of ACM, CREATE-NET, IEEE.

For further information, visit our website at [www.bionetics.org](http://www.bionetics.org)