



# 2008 IAPR Workshop on Cognitive Information Processing

June 9-10, 2008, Santorini, Greece

Sponsored by the International Association for Pattern Recognition  
in Cooperation with EURASIP and the IEEE Signal Processing Society



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## Schedule

Submission of full paper:  
**January 5, 2008**

Notification of acceptance:  
**March 5, 2008**

Camera-ready paper and author  
registration:  
**March 31, 2008**

## Call for Papers

This first workshop on **Cognitive Information Processing** (CIP) aims at bringing together researchers from the machine learning, pattern recognition, signal processing and communications communities in an effort to promote and encourage cross-fertilization of ideas and tools. The focus of the CIP 2008 workshop will be on *Cognitive Radio*.

The event will take place in one of the world's most beautiful and impressive places, the Greek island of Santorini.

CIP is sponsored by the International Association for Pattern Recognition (IAPR) and in particular the Signal Analysis for Machine Intelligence Technical Committee. The workshop will feature keynote addresses and technical presentations all of which will be included in the registration. Papers are solicited for, but not limited to, the following areas in theory and applications:

### Theory:

- Learning theory and modelling
- Bayesian learning and models
- Information theoretic learning
- Graphical and kernel methods
- Adaptive learning algorithms
- Ensembles: committees, mixtures, boosting, etc.
- Data representation and analysis: PCA, ICA, CCA, etc.
- Other topics for cognitive information processing

### Applications:

- Cognitive radio
- Cognitive component analysis -- Blind source separation, ICA, etc.
- Cognitive dynamic systems
- Distributed, cooperative, and adaptive processing
- Other application areas

### Plenary Speakers:

Prof. Simon Haykin (MacMaster Univ., Canada)  
Prof. Timo Honkela (Helsinki Univ. of Technology, Finland)  
Prof. Jose Principe (Univ. of Florida, USA)  
Prof. Ali Sayed (Univ. of California, Los Angeles, USA)  
Prof. Bernhard Schölkopf (Max Planck Inst., Germany)  
Prof. Naftali (Tali) Tishby (The Hebrew University, Israel)

CIP 2008 webpage: <http://cip2008.di.uoa.gr>

## Paper Submission Procedure

Prospective authors are invited to submit a double column paper of up to five pages using the electronic submission procedure described at the workshop's homepage. Accepted papers will be published in a CDROM proceedings and will be distributed at the workshop. Proceedings will be OPEN ACCESS available via the official site of EURASIP (<http://www.urasip.org>).

