

Call for Papers

ANNPR

2006

Second IAPR TC3 International Workshop on Artificial Neural Networks In Pattern Recognition

August 31 - September 2, 2006

University of Ulm, Reisenburg Castle, Germany

General Chair

Simone Marinai (Italy)

Program Chair

Friedhelm Schwenker (Germany)

Program Committee

Shigeo Abe (Japan)
Herve Boulard (Switzerland)
Horst Bunke (Switzerland)
Neamat El Gayar (Egypt)
Patrick Gallinari (France)
Marco Gori (Italy)
Barbara Hammer (Germany)
Tom Heskes (The Netherlands)
Jose Manuel Inesta (Spain)
Rudolph Kruse (Germany)
Cheng-Lin Liu (China)
Marco Maggini (Italy)
Erkki Oja (Finland)
Günther Palm (Germany)
Marcello Pelillo (Italy)
Raul Rojas (Germany)
Fabio Roli (Italy)
Ah Chung Tsoi (Australia)
Michel Verleysen (Belgium)
Stefan Wermter (UK)

We are pleased to announce that the Second IAPR International Workshop on Artificial Neural Networks in Pattern Recognition will be held at Reisenburg castle, Germany.

The TC3 *Neural Networks & Computational Intelligence* is one of the 20 Technical Committees of the International Association on Pattern Recognition (IAPR). The scope of this TC includes all kinds of Computational Intelligence approaches, including artificial neural networks, fuzzy systems, evolutionary computing, with focus on pattern recognition applications. ANNPR 2006 follows the success of the first workshop ANNPR 2003 held at the University of Florence, Italy, in September 2003. This second ANNPR workshop will act as a major forum for international researchers and practitioners working in all areas of neural network based pattern recognition to present and discuss the latest research, results, and ideas in these areas.

Topics of interest include, but are not limited to:

Methodological issues:

- Supervised and unsupervised learning.
- Combinations of supervised and unsupervised learning.
- Feed forward networks and kernel machines, recurrent and competitive neural networks.
- Hierarchical modular architectures and hybrid systems.
- Multiple classifier systems and ensemble methods.

Applications in Pattern Recognition:

- Image processing and segmentation.
- Sensor fusion and multimodal processing.
- Feature extraction, dimension reduction, clustering and vector quantization.
- Speech and speaker recognition.
- Document image analysis and recognition
- Data, text and web mining, bioinformatics.

Paper submission

Original and unpublished contributions are solicited which include regular papers and extended abstracts. Workshop proceedings will be published in the Springer LNAI series. Potential participants should submit a paper describing their work in the areas described above. Each regular paper must be accompanied by an abstract summarizing the contribution it makes to the field. Maximum paper length for regular papers is 12 pages in LNCS format. Extended abstracts can have at most 4 pages. Submission of a paper constitutes a commitment that, if accepted, one or more authors will attend and participate in the workshop.

Important dates

March 30, 2006 paper submission
May 15, 2006 notification of acceptance/rejection
May 30, 2006 camera ready paper

Workshop Website: www.informatik.uni-ulm.de/ni/ANNPR06

Venue:

The workshop will take place at Reisenburg castle. The Reisenburg is a beautiful little castle located near the town of Günzburg between Stuttgart and Munich 40 km east from Ulm. The today's castle system probably originates mainly from the 17th century. Since 1966 the Reisenburg is a research center of the University of Ulm. Recently Günzburg became well know because of its Legoland theme park.



