2002 IEEE Workshop
Neural Networks for Signal Processing
September 4-6, 2002   Martigny, Valais, Switzerland

Technical cooperation with the IEEE Signal Processing Society
In cooperation with the IEEE Neural Networks Council

Call for Papers

Thanks to the sponsorship of IEEE Signal Processing Society and IEEE Neural Network Council, the twelfth of a series of IEEE workshops on Neural Networks for Signal Processing will be held in Martigny (http://www.martigny.ch), Switzerland, at the ``Centre du Parc'' (http://www.hotelduparc.ch). The workshop will feature keynote addresses, technical presentations and panel discussions. Papers are solicited for, but not limited to, the following areas:

Algorithms and Architectures: Artificial neural networks, kernel methods, committee models, independent component analysis, adaptive and/or nonlinear signal processing, (hidden) Markov models, Bayesian modeling, parameter estimation, generalization, optimization, design algorithms.

Applications: Speech processing, image processing (computer vision, OCR), multimodal interactions, multi-channel processing, intelligent multimedia and web processing, robotics, sonar and radar, bio-medical engineering, bio-informatics, financial analysis, time series prediction, blind source separation, data fusion, data mining, adaptive filtering, communications, sensors, system identification, and other signal processing and pattern recognition applications.

Implementations: Parallel and distributed implementation, hardware design, and other general implementation technologies.

Further Information

NNSP'2002 webpage: http://eivind.imm.dtu.dk/nnsp2002

Paper Submission Procedure

Prospective authors are invited to submit a full paper of up to ten pages using the electronic submission procedure described at the workshop homepage. Accepted papers will be published in a hard-bound volume by IEEE and distributed at the workshop.

Program Committee

Amir Assadi	Andrew Back	Samy Bengio	Yoshua Bengio
M. Carreira-Perpinan	Jean-Cédric Chappelier	Andrzej Cichocki	Jesus Cid-Sueiro
Bob Dony	Scott Douglas	Craig Fancourt	Ling Guan
Tzyy-Ping Jung	Shigeru Katagiri	Jens Kohlmorgen	Shoji Makino
Danilo Mandic	Elias Manolakos	Takashi Matsumoto	David Miller
Li Min	Christophe Molina	Mahesan Niranjan	Kostas Plataniotis
Tommy Poggio	Jose Principe	Phillip Regalia	Steve Renals
João-Marcos Romano	Jonas Sjöberg	Robert Snapp	M. Kemal Sönmez
Søren Riis	Jean-Philippe Thiran	Naonori Ueda	Marc Van Hulle
Fernando Von Zuben	Christian Wellekens	Lizhong Wu	Lian Yan

Schedule

Submission of full paper:	**April 15, 2002**
Notification of acceptance:	**May 1, 2002**
Camera-ready paper and author registration:	**June 1, 2002**
Advance registration, before:	**July 15, 2002**

General Chairs
Hervé BOURLARD
IDIAP
EPF, Lausanne

Tülay ADALI
University of Maryland
Baltimore County

Program Chairs
Samy BENGIO
IDIAP

Jan LARSEN
Technical University
of Denmark

Technical Committee Chair
Jose PRINCIPE
University of Florida
at Gainsville

Finance Chair
Jean-Philippe THIRAN
EPF, Lausanne

Proceedings Chairs
Jean-Cédric CHAPPELIER
EPF, Lausanne

Scott C. DOUGLAS
Southern Methodist University

Publicity Chair
Marc VAN HULLE
Katholieke Universiteit, Leuven

American Liaison
Jose PRINCIPE
University of Florida at Gainsville

Asia Liaison
Shigeru KATAGIRI
NTT Communication Science
Laboratories