2001 IEEE Workshop on

Neural Networks for Signal Processing

September 10–12, 2001   Falmouth, Massachusetts, USA

Sponsored by the IEEE Signal Processing Society
In cooperation with the IEEE Neural Networks Council

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Call for Papers

Thanks to the sponsorship of IEEE Signal Processing Society and IEEE Neural Network Council, the eleventh of a series of IEEE workshops on Neural Networks for Signal Processing will be held in Falmouth, Massachusetts, at the SeaCrest Oceanfront Resort and Conference Center. 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 (ANN), adaptive signal processing, Bayesian modeling, MCMC, parameter estimation, nonlinear signal processing, generalization, design algorithms, optimization, Markov models, fuzzy systems (FS), evolutionary computation (EC), synergistic models of ANN/FS/EC, and wavelets.

Applications: Speech processing, image processing, blind source separation, sonar and radar, data fusion, data mining, intelligent multimedia and web processing, OCR, robotics, adaptive filtering, communications, sensors, system identification, and other general signal processing and pattern recognition applications.

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

Further Information

NNSP'2001 webpage: http://eivind.imm.dtu.dk/nnsp2001

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: http://eivind.imm.dtu.dk/nnsp2001

Accepted papers will be published in a hard-bound volume by IEEE and distributed at the workshop. Extended versions of the best workshop papers will be selected and published in a Special Issue of an international journal published by Kluwer Academic Publishers.

Program Committee

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Schedule

Submission of full paper:	**April 15, 2001**
Notification of acceptance:	**May 1, 2001**
Submission of photo-ready accepted paper and author registration:	**June 1, 2001**
Advance registration, before:	**July 15, 2001**