

2000 IEEE Workshop on  
**Neural Networks for Signal Processing**  
December 11–13, 2000      Sydney, Australia

*Sponsored by the IEEE Signal Processing Society  
In cooperation with the IEEE Neural Networks Council (pending)*

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Stanford University

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University of Wisconsin  
at Madison

**Asia Liaison**

Andrew BACK  
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## Call for Papers

Thanks to the sponsorship of IEEE Signal Processing Society and IEEE Neural Network Council the tenth of a series of IEEE workshops on Neural Networks for Signal Processing will be held at the University of Sydney, Sydney, Australia. The workshop will feature keynote addresses, technical presentations and panel discussions. Papers are solicited for, but not limited to, the following areas:

**Algorithm and Architectures:** Artificial neural networks (ANN), adaptive signal processing, Bayesian modeling, MCMC, generalization, design algorithms, optimization, parameter estimation, nonlinear signal processing, Markov models, fuzzy systems (FS), evolutionary computation (EC), synergistic models of ANN/FS/EC, and wavelets.

**Applications:** Speech processing, image processing, sonar and radar, data fusion, intelligent multimedia and web processing, OCR, robotics, adaptive filtering, blind source separation, 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'2000 webpage:** <http://eivind.imm.dtu.dk/nns2000>

### Paper Submission Procedure

Prospective authors are invited to submit a full paper using the electronic submission procedure described at the workshop homepage  
<http://eivind.imm.dtu.dk/nns2000>

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 Academica Publishers.

### Program Committee

Amir Assadi	Yianni Attikiouzel	John Asenstorfer	Andrew Back
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A.N. Venetsanopoulos	Yue Wang	Wilson Wen	

### Schedule

<b>Submission of full paper:</b>	<b>March 31, 2000</b>
<b>Notification of acceptance:</b>	<b>May 31, 2000</b>
<b>Submission of photo-ready accepted paper:</b>	<b>July 15, 2000</b>
<b>Advanced registration, before:</b>	<b>September 15, 2000</b>