ICONIP

神經回路網 國際學術大會
International Conference on Neural Information Processing

SEOUL, KOREA
OCT. 17(Mon)-20(Thur), 1994

ICONIP '94

TECHNICAL PROGRAM

Plenary Talks

Igor Aleksander, Imperial College, UK
The Prospects for a Neural Artificial Consciousness

Kunihiko Fukushima, Osaka Univ., Japan
Neural Networks for Selective Looking

Harold Szu, Naval Surface Warfare Center, USA
Adaptive Wavelet Transforms by Wavenets

Invited Talks

Shun-ichi Amari, Univ. of Tokyo, Japan
Information Geometry of Stochastic Multilayer Perceptron

Walter Freeman, Univ. of California Berkeley, USA
Noncomputational Chaotic Neurodynamics for Pattern Formation and Information Processing in Brains of Animals and Man

Toshio Fukuda, Nagoya Univ., Japan
Planning and Behavical Control of Intelligent Robot System with Fuzzy-Neuro-GA based Computational Intelligence

Dan Hammerstrom, Adaptive Solutions, USA
Silicon Cortex : The Impossible Dream ?

Il-Song Han, Korea Telecom, Korea
URAN : A Hybrid Neural Network VLSI

Gerd Hausler, Univ. Erlangen, Germany
Chaos, Pattern Formation & Associative Memory with Nonlinear Pictorial Feedback

Masumi Ishikawa, Kyushu Inst. of Tech., Japan
Structural Learning and Modular Networks

Mitsuo Kawato, ATR Human Information Processing Research Lab., Japan
Teaching by Showing for Task Level Robot Learning through Movement Pattern Perception

Eun-Soo Kim, Kwangwoon Univ., Korea
Target Image Processing Based on Neural Networks

Myung Won Kim, ETRI, Korea
Artificial Creativity : Its Computational Modeling and Potential Applications

Kazuo Kyuma, Mitsubishi Electric Co., Japan
Recent Progress on Electrical Optical Neurochips

Francesco E. Lauria, Universita di Napoli, Italy
On the Hebb Rule Implementation of a Boolean Neural Networks

Soo-Young Lee, KAIST, Korea
Requirements and Perspectives of Neuro-Computers : How and Where Neuro-Computers Can Win Against General-Purpose Computers ?

Sukhan Lee, Univ. of Southern California & JPL, USA
Theory and Application of Dual-Mode Dynamic Neural Networks

Yillbyung Lee, Yonsei Univ., Korea
Saccadic Eye Movement Signal Generation Modeling Using Recurrent Neural Network

Joseph Malpeli, Univ. Illinois Urbana Champaign, USA
A Thermodynamic Model of the Morphogenesis of the Primate Lateral Geniculate Nucleus

Robert J. Marks II, Univ. of Washington, USA
Evolutionary Inversion and Hausdort Distance Evalution of Trained Layered Perceptions

Gen Matsumoto, Electrotechnical Lab., Japan
The Brains as a Computer

Nelson Morgan, Univ. California Berkeley, USA
Using a Million Connections for Continuous Speech Recognition

Yoichi Muraoka, Waseda Univ., Japan
"Kansei" Information Processing-Can a Neural Network Live up to this Challenge?

Kumpati Narendra, Yale Univ., USA
Switching and Turning Using Multiple Neural Network Models

Andras Pellionisz, Silicon Valley, USA
From Foundations of Neural Net Basic Research to Lead-Roles in Silicon Valley Information Industry