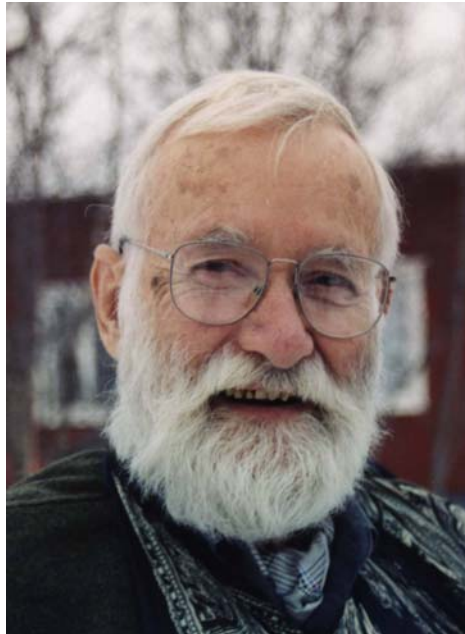




JCIS - Joint Conference on Information Systems
July 18-24, Marriott Salt Lake City Center,
Salt Lake City, USA



**International Workshop on
 Nonlinear Brain Dynamics for Computational Intelligence**



Workshop Date: July 20, 2007

Session 1: Advances in Nonlinear Brain Dynamics.	
Chair: Robert Kozma	
10:00 - 10:10	Robert Kozma: Workshop Introduction
10:10 - 10:20	Walter J Freeman: Welcoming Address
10:20 - 10:50	John Caulfield: The Visual System: A Chicken and Egg Problem Solved
10:50 - 11:20	Frank Ohl: Neurodynamics in Auditory Category Learning
11:20 - 11:50	Rene Doursat: Of Tapestries, Ponds and RAIN: Toward Mesoscopic Neurodynamics on Excitable Media
11:50 - 12:20	A/A Fingelkurtz: Brain operational Space-Time Modules
Session 2: Dynamic Brain Principles and Computational Intelligence.	
Chair: John Caulfield	
13:20 - 13:50	Nik Kasabov: Dynamic Interaction Networks for Modeling and Discovery of Brain Dynamics at Different Functional Levels
13:50 - 14:20	Leonid Perlovsky: Dynamic Logic and Neurobiology of Consciousness
14:20 - 14:50	Takeshi Yamakawa: Bio-Inspired System Modeling -SOR Networks
14:50 - 15:20	Wen-Ran Zhang: Yin-Yang Universal Modul Ponens
Session 3: Panel Discussion on Nonlinear Brain Dynamics for Computational Intelligence	
15:35 - 17:35	Panelists: Walter J Freeman, John Caulfield, Rene Doursat, A/A Fingelkurtz, Nik Kasabov, Robert Kozma, Leonid Perlovsky, Takeshi Yamakawa, Wen-Ran Zhang.