

TAINN 2004 Symposium Program

09.06.2004 Wednesday		11.06.2004 Friday				11.06.2004 Friday									
17:00	Welcome Cocktail	AI Session II (Data Mining, Knowledge Discovery)				ANN Session II (Analog Networks)									
10.06.2004 Thursday		09:00	09:15	174	U. Ayan, U. Bayazit, F. Gürgen	Veri Tabanlarının En İyi Birincil Sorgulama Yöntemi ile Çoklu Yollar Üzerinden Sorgulanması	09:00	09:15	177	M. Taskaldıran, G. Dündar	Development of a library for CMOS analog neural networks				
09:00	09:30	Opening		060	S.N.M. Ferreira, A.A. Freitas, B.C. Avila	Handling inconsistency in distributed data mining with paraconsistent logic	09:15	09:30	023	E. Yücel, S. Arık	New Criteria for Exponential Stability of Neural Networks with Time Varying Delays				
09:30	10:30	Invited Speaker Erol Gelenbe		128	B. Turhan, E. Alpaydın	Unsupervised Nonlinear Dimensionality Reduction Methods	09:30	09:45	030	T. Ensarı, S. Arık	Global Asymptotic Stability of Neural Networks with Time Varying Delay				
10:30	11:00	Coffee Break		138	İ. İleri, S. Güngör, M. Kaya	Hastalık Teşhisinde Etkili Bir Bulanık Bağıntı Kural Çıkarım Yöntemi	09:45	10:00	034	S. Senan, S. Arık	Stability Analysis of Cellular Neural Networks with Multiple Time Delays				
11:00	12:00	Invited Speaker Vedat Tavşanoğlu		Coffee Break				Coffee Break							
12:00	14:00	Lunch		AI Session III (Fuzzy Logic, Genetic Algorithms)				ANN Session III (Vector Quantization and Regression)							
AI Session I		10:15	10:30	125	Y. Işık, N. Taşpınar	Realization of the Multi-user Detection in Code Division Multiple Access by Fuzzy Inference System	10:15	10:30	110	K.C. Özkısacık, I.K. Altınel, N. Aras	Solving Uncapacitated Location Allocation Problem by Vector Quantization and Self-Organizing Maps				
14:00	14:15	013	S. Erdur, T. Güngör	An Investigation of ANN Architectures in Artificial Life Implementations		10:30	10:45	161	D. Amir, H. Kömürçügil	A New Self-Tuning Method for Fuzzy Logic Controllers Using One Dimensional Rule Base					
14:15	14:30	094	E. Gelenbe, Y. Wang	A trade-off between agility and resilience		10:45	11:00	163	A. Açıkan	A Gene-Sequence Library as an External Memory Implementation in Genetic Algorithms					
14:30	14:45	124	E. Alpaydın, A. Herdağdelen	Dynamic Alignment Distance Based Online Signature Verification		Coffee Break				Coffee Break					
14:45	15:00	Coffee Break		AI Session IV (Machine Learning)				ANN Session IV (Biomedical Applications)							
ANN Session I (Recognition & Implementation)		11:15	11:30	169	T. Aydın, H.A. Güvenir	Incremental Classification Learning by Using Feature Projections	11:15	11:30	205	M. Kuntalp, I. Topallı	Neural Architecture of the Cerebellum is Capable of Generating Rhythmic Oscillations at Gamma Band				
15:00	15:15	170	A. Şentürk, F. Gürgen	Independent Component Analysis as a Front-End for Speaker Recognition		11:30	11:45	122	M. Malcangi	Improving Speech Endpoint Detection Using Fuzzy Logic-Based Methodologies					
14:15	15:30	114	H. Ergezer, K. Leblebicioğlu	Biological Sequence Alignment Using SVM and Artificial Neural Networks		Lunch				Lunch					
15:30	15:45	140	F.A. Savacı, N. Özkurt, M. Gündüzalp	Wavelet Network Circuit Implementation for Nonlinear Dynamical Systems		AI Session V (Knowledge Discovery & Management)				ANN Session V (Control Applications)					
15:45	16:00	Coffee Break		14:00	14:15	179	T. Kirt, E. Vainik	The Self-Organizing Maps of Estonian Terms of Emotions		14:00	14:15	121	S. Tokat, I. Eksin, M. Güzelkaya	Sliding Surface Design Using Soft Computing	
16:00	18:00	Poster Session		14:15	14:30	078	E. Koca, T. Bilgiç	Troubleshooting with Questions and Conditional Costs		14:15	14:30	116	A. Babaev, E. Yılmaz	Generating Optimum Training Data for Neural Controller	
20:30	Gala Dinner		14:30	14:45	095	E. Sezer, A. Yazıcı, Ü. Yarımağan	Web için Akıllı ve Anlaşılabilir Erişim Sistem Modeli		14:30	14:45	134	T. Yalçınöz, H. Karadal	Farklı Topolojiye Sahip MLP Yapay Sinir Ağları ile Enerji Sistemlerinde Gerilim Kararlılığı Analizi		
		14:45	15:00	101	F. Durupınar, U. Kahramankaptan, İ. Çiçekli	Intelligent Indexing, Querying and Reconstruction of Crime Scene Photographs		14:45	15:00	113	E.M. Esin, E. Akbaş	Designing Stable Intelligent Systems For Payload Variations			
		15:00	15:15	035	Y. Say, K. Sarıkaya, F. Kundakçı, H. Oğuztüzün	Using Ontologies for Scenario Development		Coffee Break							
		15:15		15:30		Coffee Break				Coffee Break					
		AI Session VI (Distributed AI Decision Making)		ANN Session VI (Signal processing Applications)											
		15:30	15:45	126	B. Curuklu	Early Stages of Vision Might Explain Data to Information Transformation		15:30	15:45	008	E.D. Übeyli, İ. Güler	Multilayer Perceptron Neural Networks to Compute Wavelet Coefficients			
		15:45	16:00	135	E. Özcan, M. Erentürk	A Brief Review of Memetic Algorithms for Solving Euclidean 2D Traveling Salesrep Problem		15:45	16:00	117	E.T. Senalp, E. Tulunay, Y. Tulunay	Neural Network Based Forecasting with Adaptation Capability			
		16:00	16:15	276	E. Elbaşı, K. Mehrotra, C. Mohan, P. Varshney	Control Charts Approach for Scenario Recognition		16:00	16:15	129	M.S. Dinleyici, O. Akın	Neural Network Activated All Optical Routing Switch			
		16:15	16:30	097	H.L. Akın, H. Köse, Ç. Meriçli, U. Tatlıdede, K. Kaplan	Q-Learning based Market-Driven Multi-Agent Collaboration in Robot Soccer		16:15	16:30	031	H. Altıncay, E.E. Lapacı, C. Ergun	Cheating Speaker Verification Systems Using Tape Recorded Speech			
		16:30	16:45	141	N. Amara, G. Klein, A. El Fallah-Seghrouchni	Towards MAS's design regarding communications and mobility									