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Program

	Day 1: Tuesday December 1, 2015
9:00	Opening Remarks
9:10	Invited Talk
	Abdelhamid Bouchachia, Bournemouth University, UK
	Active online learning 1
10:10	Coffee Break
	Adaptive algorithms, human activity recognition and applications
10:30	Acoustic Sensor Based Activity Recognition Using Ensemble of One-Class Classifiers Achyut Mani Tripathi, Diganta Baruah and Rashmi Dutta Baruah
	Inductive Transfer Assist-Control for Human-Interface Steering Device Rui Antunes, Luis Brito Palma, Fernando Coito and Hermínio Duarte-Ramos
	Ultrasonic Sensor-based Human Detector using One-class Classifiers 17 Sonia, Achyut Mani Tripathi, Rashmi Dutta Baruah and Shivashankar B. Nair
	Language Independent Rule Based Classification of Printed & Handwritten Text Tanzila Saba, Abdulaziz S. Almazyad and Amjad Rehman
12:30	Lunch Break
	Evolutionary algorithms and applications
14:00	A multi-population firefly algorithm for dynamic optimization problems Fehmi Burcin Ozsoydan and Adil Baykasoğlu 27
1600	A constructive search algorithm for combinatorial dynamic optimization problems Adil Baykasoğlu and Fehmi Burcin Ozsoydan
	Hybridizing firefly algorithm with invasive weed optimization for engineering design problems 41 Hyreil Kasdirin, Nafrizuan Yahya and Osman Tokhi
	Genetic Decision Mechanism for Reasoning and Behaviour Generation in Adaptive Intelligent 47 Agents
	Andreea Ion, Monica Patrascu and Vlad Constantinescu
16:00	Coffee Break
	Autonomous and intelligent systems and applications
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	Modelling Stock-market Investors as Reinforcement Learning Agents Alvin Pastore, Umberto Esposito and Eleni Vasilaki 63
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	Adaptive Animation Generation Using Web Content Mining Kaveh Hassani and Won-Sook Lee 82

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	Automatic Visual Identification of Correct Matches in UAV Images for Visual-Based Attitude 98 Estimation
	Mohammad Ridhwan Tamjis and Samsung Lim
	Improving Cells Recognition by Local Database Categorization in Artificial Immune System 104 Algorithm. Application to Breast Cancer Diagnosis Rima Daoudi, Khalifa Djemal and Abdelkader Benyettou
	Adaptive Genetic Pareto Ranking Based on Clustering 110 Lavinia Ferariu and Cîmpanu Corina
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	ANFIS Data Driven Modeling and Real-Time Fuzzy Logic Controller Test for a Two Tanks 130 Hydraulic System
	Luis Alberto Torres Salomao, Juan Anzurez Marin, José Martin Orozco Sixtos and Salvador Ramírez Zavala
	Analysis of Adaptation Law of the Robust Evolving Cloud-based Controller 135 Goran Andonovski, Sašo Blažič, Plamen Angelov and Igor Škrjanc
16:00	Social program and Banquet
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