

Computational Intelligence Techniques in Multimedia Computing

25 March 2007

time	Paper
9.30-10.30 Invited talk	Rough Sets in Data Mining and Information Retrieval <i>Dominik Slezak, Canada</i>
Session-A: Rough Sets and Their Applications Session chair: Professor Dominik Slezak Session co-chair: Professor A.M. Kozae	
10.30- 10.50	On Bi approximation space <i>M. E.Abd El-Monsef, A. A Abo Khadra & A. A. Zedan</i>
10.50--10.10	Decision making via degree of dependency <i>A.M. Kozae , A.A. Abo Khadra , T. Medhat</i>
10.10-11.30	Using Rough Sets and Genetic Algorithm to Build Decision Tree <i>Mostafa Fahmy, Osama Badawy, Yasser Foaud, Wedad Sagar</i>
11.30-11.50	Topological Approach for Approximation Space (TAS) <i>A.M. Kozae, A.A. Abo Khadra , T. Medhat</i>
11.50-12.10	Topological Solution of Missing Attribute Values Problem in Incomplete Information Tables <i>A. S. Salama</i>
Coffee Break	

Session-B: Computational Intelligence & Applications

(12.30 pm –02:30 pm)

Session chair: Professor *Jason S.H. Tsai*

Session co-chair: Dr. *Mohamed Mostafa Abd Allah*

time	Paper
12.30 -12.50	A Proposed Architecture for Distributed Multi-Agent Intelligent System (DMAIS) <i>Ali I. El-Desouky, Hesham A. Ali and Sally M. El-Ghamrawy</i>
12.50 -01:10	Chaos Evolutionary Programming Based JPEG Quantization Table Generation Scheme <i>Shu-Mei Guo, Jason S.H. Tsai, Wen-Hsin Chang, Bing-Hui Wu & Shy-Jen Guo</i>
01:10 - 01:30	Enhanced Clustering Technique in RBF Neural Network for Function Approximation <i>M.Awad, H. Pomares, I.Rojas,</i>
01:30 – 01:50	One -Dimensional Representation Method of Fingerprint Image Reduce the Cost and Size of the Sensing Device <i>Mohamed Mostafa Abd Allah</i>
01:50 - 02:10	Artificial Neural Networks Architecture For Intrusion Detection Systems and Classification of Attacks <i>Mohammed Sammany, Marwa Sharawi, Mohammed El-Beltagy, Imane Saroit</i>
02:10-02:30	Slope Space To Compress Electrocardiogram Signals <i>M. E. Rahman, and M. A. Haque</i>
<i>Lunch time</i>	

Keynote Speaker Biography

Dominik Slezak received his PhD in Computer Science in 2002 from Warsaw University, Poland. In an instructional capacity he has supervised more than 15 graduate students in Canada, Poland, and the United Kingdom. He has pursued academic collaborations with Warsaw University, University of Regina, and the Polish-Japanese Institute of Information Technology. Additionally, he serves as an executive member of the International Rough Set Society, editor-in-chief of Online International Journal on Rough Set Methods, guest editor and reviewer for a number of international scientific journals, chair of several international scientific conferences, and is a member of several IEEE technical committees. He has published over 60 research articles for books, journals, and conference proceedings.