



Faculty Of Science
Tanta University



Mathematics and Computer Science Applications



Faculty of Science, Mathematics Department
Tanta University

On Saturday, 2nd of April 2016

10am

Workshop Program Chair

Dr. Tarek Gaber
SRGE Vice Chair

Workshop Chairs

Prof. / Aboul Ella Hassanien

SRGE Chair

Faculty of Computers and
Information, Cairo University

Prof. / Abdel Monem koza

Mathematics Department, Faculty
of Science, Tanta University

Organized by:

**Mathematics Department, Faculty of Science, Tanta
University with Scientific Research Group in Egypt
(SRGE)**



Time	Speaker	Title
10:30-10:35	Opining and Welcome message Prof. Abdel Monem Koza	
10:35-11:00	Prof. Aboul Ella Hassanien, SRGE Chair	SRGE: An Overview and Current Research Trends
11:00-11:30	Prof. Abdel Monem Koza, Faculty of Science, Tanta University	Rough topology
Break		
Session I: Classification Methods and applications Chair: Dr. Mohamed AbdelAziz, SRGE Member		
12:00-12:15	Alaa Tharwat, SRGE member	Linear vs. Quadratic Discriminant Classifiers: an Overview
12:15-12:30	Mohamed Abdel Aziz, SRGE member	Hybrid Swarms with Rough Sets:
12:30-12:45	Tarek Gaber, SRGE Senior Member and vice chair of the SRGE	Thermal Imaging: Opportunities and Challenges for Breast Cancer Detections
12:45-12:55	Ola Omar, SRGE Student member	Planet disease detection and recognition using image processing
12:55-01:05	Sameh Basha, SRGE Student member	Neutrosphic Rule-based Classification System
01:05-01:15	Mohamed Abdel Fattah, SRGE Student member	Historical Manuscripts Image Processing
Session II: Bio-Inspired Swarm Optimization Techniques Chair: Dr. Tarek Gaber, SRGE senior member		
01.30 - 1:40	Moataz Kilany	Human Activity Classification Optimization and Feature Selection using WWO.
1.40-1.50	Ahmed Hafez	Alzheimer's Disease Diagnosis Based on Natural Inspired Algorithms
1.50-2.00	Gehad Ismail,	Bio-Inspired Swarm Techniques for Thermogram Breast Cancer Detection
2.00-02.10	Ahmed Metwalli Anter	An application of Bio-inspired Social-Spider Optimization (on CT Liver Tumor Diagnosis)
2.10-2.20	Waleed Yamany	Swarm Optimization (Moth-Flame Optimizer)
Closing and Photographs 14:15-14:30		