



Workshop Frontiers in imaging science and related technologies

Organized by Image Science Laboratory
(Lab. Director: Essam Rashed, Ph.D.)

Seminar Hall (third floor), Dept. of Mathematics, Faculty of Science, Suez Canal
University
(25 Dec. 2016)

Program

08:00	09:00	Registration
09:00	09:15	Opening Address
Session I: Chairs: Prof. Medhat Rakha & Prof. Mostafa-Sami Mostafa		
09:15	09:45	PLENARY: Larger training sets may decrease accuracy: something against mother's advice, Prof. Waleed Yousef (Helwan Univ.)
09:45	10:15	PLENARY: Human iris recognition based on wavelet transform, Prof. R. M. Farouk (Zagazig Univ.)
10:15	10:45	PLENARY: Low-dose CT imaging: project progress report, Prof. Essam Rashed (Suez Canal Univ.)
10:45	11:00	Break
Session II: Chairs: Prof. Waleed Yousef & Dr. Abdelgawad Abuelfadl		
11:00	11:15	Solving interior problem in computed tomography using atlas prior, Mona Selim (Suez Univ.)
11:15	11:30	Medical image denoising based on improved neural algorithms, M. Aly (Zagazig Univ.)
11:30	11:45	CAD system for medical lab investigation, Mostafa A. Razek (Helwan Univ.)
11:45	12:00	Modified Weibull distribution for blind image separation, A. M. Adam (Zagazig Univ.)
12:00	12:30	Break

Session III: Chairs: Prof. Roshdy M. Farouk & Dr. Mohamed Fatehy		
12:30	12:45	State-of-the-art software for data science and big data, Wael Yousef (Helwan Univ.)
12:45	13:00	Motion Detection Based on the Spatio-Temporal Mean Filter Using GPU, Ahmed Nady (Helwan Univ.)
13:00	13:15	Car thief behavior detection using computer visioning approach over GPU, Hussein Elsharif, Khaled Salem and Momoud Elshennawy (Misr International Univ.)
13:15	13:30	Cheating Hunter: a ubiquitous environment to fight exam cheating, Mohamed Kamal, Omar Tarek, Mohamed Desoky, Kareem Ali and Islam Mohamed (Helwan Univ.)
Session IV: Chairs: Dr. Ayman Atia & Dr. Mohamed Gamal		
13:45	14:00	Realview: interventional fusion imaging system, Aya Nassar, Aya Usama, Esraa Ezzat, Noha Ghali and Norhan Adlo (Suez Canal Univ.)
14:00	14:15	Thermal Face Recognition, Mohamed Amer, Basil Elghayesh and Ahmed Essam (Misr International Univ.)
14:15	14:30	Blood vessels reconstruction in CT with shape prior approach, Esraa Ahmed (Suez Canal Univ.)
14:30	14:45	Smart Detection of Plants Disease, Mohanad Ayman, Amgad Atef and Mostafa Medhat (Misr International Univ.)
Session V: Luncheon Seminar		
14:45	15:15	Survey on progress in quantum computing, PhD students at CS department (Helwan Univ.) - Video Lecture
15:15	15:45	Closing Discussion

For more information, please visit our website:

<http://projects.scuegypt.edu.eg/ldct/workshop2/>

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