Virtual Institute of Imaging Sciences and Applications (VIISA) Workshop on Medical Imaging

Date: August 31, 2010
Venue: LT2, Lady Shaw Building, The Chinese University of Hong Kong

Programme Schedule

Time	Speaker	Title
09:25-09:30	Opening Speech	
09:30-10:00	Professor Lin Shi and Professor Defeng Wang (The Chinese University of Hong Kong)	Image Computing Techniques in Neurology, Orthopaedics, and Oncology
10:00-10:30	Professor Wen-Yih Isaac Tseng (National Taiwan University)	Mapping Brain Connectivity Using Diffusion Spectrum Imaging
10:30-10:50	Coffee Break	
10:50-11:20	Professor Hao-Min Zhou (Georgia Institute of Technology, The Chinese University of Hong Kong)	Wiener Chaos Expansions for Stochastic Differential Equations and Applications in Photonic Crystal Spectrometer Design
11:20-11:50	Professor Thierry Blu (The Chinese University of Hong Kong)	A Prior-free Approach to Image Denoising with Application to Fluorescence Microscopy
11:50-12:20	Professor Ronald Lui (The Chinese University of Hong Kong)	Recent Developments in Medical Morphometry and Some Open Problems
12:20-2:00	Lunch	
2:00-2:30	Professor Michael Ng (Hong Kong Baptist University)	Variational Fuzzy Mumford-Shah Model for Image Segmentation
2:30-3:00	Professor Xavier Bresson (City University of Hong Kong)	Global Solutions for Non-Convex Minimization Problems Arising in Image Processing
3:00-3:20	Coffee Break	
3:20-3:50	Professor Gaohang Yu (Gannan Normal University)	Positive Semi-Definite Diffusion Tensor Model in High Angular Resolution Diffusion Imaging (HARDI)
3:50-4:20	Professor Tieyong Zeng (Baptist University of Hong Kong)	Poisson Noise Removal via Learned Dictionary

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