



Intensive Three-Day Workshop on Real-Time Image and Video Processing

IEEE Signal Processing Malaysia Chapter Workshop Series
27th – 29th May 2014, 08:30-17:00
UTM Razak School, Universiti Teknologi Malaysia, Kuala Lumpur Campus

Registration deadline: 8th May 2014

Aim:	This is a hands-on workshop tailored for beginners by providing the fundamental and state-of-the art Real-time Image and Video Processing using C++ and OpenCV.
Benefits:	<ul style="list-style-type: none">• Intensive three-day hands-on workshop.• Certificate of Participation from IEEE Signal Processing Society, Malaysia.• Course materials provided.
Who should Attend:	<ul style="list-style-type: none">• Students (undergraduate and postgraduate), Academic staff and Researchers• Professionals from the industries
Contents:	<p>Day 1:</p> <ul style="list-style-type: none">• Overview of Image Processing• Hardware Selection• Sampling• Real-Live Demo: Face Detection• Introduction to Color Spaces• Introduction to OpenCV• Hands-on using C++ and OpenCV <p>Day 2:</p> <ul style="list-style-type: none">• Histogram Based Enhancement• Noise Filtering• Edge Detection• Advance Morphological Techniques• Hands-on tutorial <p>Day 3:</p> <ul style="list-style-type: none">• Segmentation• Feature Extraction and Classification• Hands-on: Application- Exercises using image processing in real-time video.
Trainer:	<p>Assoc. Prof. Dr. Syed Abd Rahman Al-Attas, Dr. Musa Mohd Mokji, and Dr. Usman Ullah Sheikh</p> <p>They are currently with the Computer Vision, Video and Image Processing Research lab (CvviP). under the department of Electronics and Computer Engineering (ECE) of the Faculty of Electrical Engineering UTM. Their research lab focuses on computer vision and image processing fields. They have published numerous research works in the field of video surveillance, inspection, and medical image processing. The CvviP research lab has received more than a total of RM 1 million to conduct research in various fields as mentioned previously. Currently there are more than 20 PhD students conducting research under the supervision of the above team. The research lab has also been collaborating with some local industries as well as international universities.</p>
Fees:	RM1500 (Early Bird) RM 1800 (IEEE member) RM1800 (Early Bird) 2000 (Non-IEEE member) RM1100 (Early Bird) RM 1200 (IEEE student-member) RM1200 (Early Bird) 1500 (Student Non-IEEE member). Deadline for Early Bird payment: 8th May 2014
Registration:	To register, please email your particulars (name, designation, university, phone number, email, and IEEE membership number, to mypsoc@ieee.org or mypsoc@gmail.com .

Limited to 25 Participants Only !!!



FREE

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