



Image Processing, Image Analysis and Real-Time Imaging (IPIARTI) Symposium 2015 Symposium on Acoustic, Speech and Signal Processing (SASSP) 2015

28th May 2015, Universiti Teknologi PETRONAS (UTP), Perak D Ridzuan, Malaysia

IEEE Signal Processing Society Malaysia Chapter and Center for Intelligent Signal and Imaging Research (CISIR), recently recognized Higher Institution Centre of Excellence (Hi-COE), Department of Electrical and Electronics Engineering UTP will jointly organize the 6th Symposium on Image Processing, Image Analysis and Real-Time Imaging (IPIARTI 2015) and the 3rd Symposium on Acoustics, Speech and Signal Processing (SASSP 2015), on **28th May 2015** at Universiti Teknologi PETRONAS. These **FREE** events, open to all IEEE members and non-members, are organized

- to bring the university and industry community together to share and discuss the latest trends in image and signal processing, analysis and real-time implementation, and
- to promote IEEE Signal Processing Society Malaysia Chapter to the Malaysian academic and industry community as a forum for professional networking and advancement.

PROGRAM

- 08.30 - 09.00: Registration (**Pocket D Academic Complex**)
09.00 - 09.30: Welcoming Speech and Membership Drive
09.30 - 10.20: Keynote Speech #1
Prof. Dr Cheong Sok Ching
Cancer Research Initiatives Foundation (CARIF), Malaysia
- 10.20 - 10.40: Morning Tea
10.40 - 11.30: CISIR DLP Keynote Speech #2
Prof. Ir. Dr. Ahmad Fadzil Mohamad Hani
CISIR, Universiti Teknologi PETRONAS, Malaysia
- 11.40 - 12:30: DLP Keynote Speech #3
Dr. Jean-Christophe Olivo-Marin
Cell Biology and Infection Department at Institut Pasteur, France.
- 12.30 - 2.00: Lunch and Prayer (CISIR Training Room - CTR)
14.15 - 15.15: Parallel Session #1A (IPIARTI); Parallel Session #1B (SASSP)
15.15 - 16.15: Parallel Session #2A (IPIARTI); Parallel Session #2B (SASSP)
16.15 - 17.00: Closing and Evening Tea

ABSTRACT SUBMISSION FOR REGULAR PRESENTATION: Prospective presenters are invited to submit a one-page abstract of their work. The selected presenters will receive a certificate of appreciation as an invited speaker.

Deadline for abstracts submission: **12th May 2015**.

Email abstracts to: myspsoc@ieee.org (or ieee.SP.my@gmail.com)

REGISTRATION: Whether you are presenting or just attending the symposium, please email the following information to myspsoc@ieee.org (or ieee.SP.my@gmail.com)

Name: _____ Presenter: Yes/No

Affiliation: _____ IEEE Membership ID: _____

Email: _____ Tel. No: _____

LUNCH AND REFRESHMENTS PROVIDED!

Advisor:

Prof. Ir. Ahmad Fadzil M Hani
Universiti Teknologi Petronas (UTP)

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Free Registration & Admission

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Image Processing, Image Analysis and Real-Time Imaging (IPIARTI) Symposium 2015

Symposium on Acoustic, Speech and Signal Processing (SASSP) 2015

28th May 2015, Universiti Teknologi PETRONAS, Seri Iskandar, Perak D Ridzuan, Malaysia

INDUSTRIAL KEYNOTE SPEAKER



Professor Dr Cheong Sok Ching obtained a First Class Honours degree at the Universiti Kebangsaan Malaysia (UKM) and pursued her PhD in the same university. Working with Professor Sheila Nathan she established primary cell lines from patients with psoriasis and vitiligo and studied the impact of photodynamic therapy on the p53 gene in these patients. During her PhD, she was awarded a number of scholarships including the Research Fellowship Grant from the Rotary Charity Foundation of Kuala Lumpur (1999), Commonwealth New Initiatives Scholarship (2000) and UNESCO-Molecular & Cell Biology (MCBN) Fellowship (2001). During this time, she also worked with Professor Dorothy Bennett in St. Georges Hospital, School of Medicine, University of London to understand the genetic mechanisms that enables cancer cells to gain immortality. Upon completion of her PhD, she joined CARIF in 2002 and has continued to receive numerous awards for her work including the Norman-Rowe Educational Trust, L'Oreal for Women in Science Award, AACR Scholar-In-Training Award, and several UICC Fellowships. She currently leads a team of molecular biologists to study the genetic mechanisms that drive oral cancer development.

CISIR KEYNOTE SPEAKER



Professor Ir. Dr Ahmad Fadzil Mohd Hani received his PhD in Image Processing from University of Essex, UK in 1991. He is currently Deputy Vice Chancellor of Universiti Teknologi PETRONAS (UTP). He also currently heads the Centre for Intelligent Signal & Imaging Systems Research (a National Center of Excellence) at UTP. Previous to that he was the Dean of the School of Electrical & Electronic Engineering at USM (1992-1996), Dean of Engineering Studies at UTP (1997-1999), Director of Academic Studies at UTP (1999-2003) and Director of Postgraduate Studies at UTP (2003-2006). During his appointment as General Manager (Frontier Technology) at PETRONAS Research Sdn Bhd (2007-2009), he also headed R&D on frontier/ renewable technologies. He is a Fellow of the Institution of Engineers Malaysia, a registered Professional Engineer with the Board of Engineers Malaysia and a Senior Member of the Institution of Electrical & Electronic Engineers Inc., USA. He has been elected as a Fellow of the Academy of Sciences Malaysia.

DLP KEYNOTE SPEAKER



Jean-Christophe Olivo-Marin received the PhD and the HDR degrees in optics and signal processing from the Institut d'Optique Théorique et Appliquée, University of Paris-Orsay, France. He is the head of the BioImage Analysis Unit and the chair of the Cell Biology and Infection Department at Institut Pasteur. He was a co-founder of the Institut Pasteur Korea, Seoul, where he held a joint appointment as a Chief Technology Officer from 2004 to 2005. Previous to that, he was a staff scientist at the European Molecular Biology Laboratory, Heidelberg, from 1990 to 1998. His research interests are in image analysis of multidimensional microscopy images, computer vision and motion analysis for cellular dynamics, and in multidisciplinary approaches for biological imaging. He is a Fellow of the IEEE, past Chair of the IEEE SPS Bio Imaging and Signal Processing Technical Committee (BISP-TC), a senior area editor of the IEEE Signal Processing Letters, and a member of the Editorial Board of the journals Medical Image Analysis and BMC Bioinformatics. He was the general chair of the IEEE International Symposium on Biomedical Imaging in 2008.

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