



# KST 2016

## The 2016 – 8<sup>th</sup> International Conference on Knowledge and Smart Technology

KST International Conference has been established with the aim in mind that a sustainable community will be achieved through continuous studies and share resources. It provides a central forum for experts and developers to promote, share, and discuss various issues and developments in the broad field of Computational Intelligence, Intelligent Application, Intelligent Computer Networks and Systems, and Emerging Intelligent Technologies. KST International Conference will provide an opportunity for young researchers to demonstrate their talent and interesting research ideas. The conference will benefit people who are actively involved in research related to computational intelligence and its applications. The 8<sup>th</sup> KST was held at **The Kantary Hill Hotel, Chiang Mai, Thailand** on February 3 – 6, 2016. Visit the official website at <http://kst.buu.ac.th/2016/>

KST 2016 was organized by 10 departments from 9 institutes including Burapha University, Chulalongkorn University, Sripatum University at Chonburi, Khon Kaen University, King Mongkut's University of Technology Thonburi, Assumption University, Prince of Songkla University, Rajmangala University of Technology Tawan-Ok, Chanthaburi Campus and Korea Institute of Science and Technology Information (KISTI), Korea.

In addition, the KST 2016 was also technically supported by the Institute of Electrical and Electronics Engineers (IEEE), the Institute of Electrical and Electronics Engineers Thailand Section (IEEE Thailand Section), and Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology Association of Thailand (ECTI Association Thailand). Moreover, KST

2016 conference had been financially sponsored by Korea Institute of Science and Technology Information (KISTI), Korea.



**Dr. Anat Deepatana**  
Acting Vice President,  
Burapha University  
in KST 2016 opening ceremony

## KST 2016 Statistics

- 106 papers submitted from 15 countries including Thailand, Japan, Korea, P.R. China, India, Iran, Malaysia, Egypt, Brazil, Taiwan, Switzerland, Indonesia, Denmark, Bangladesh, Yemen, United Australia, United Kingdom, and Myabmar
- 64 papers accepted (acceptance rate of 60.38%)
- 17 oral sessions (3 parallel sessions)
- 3 keynote speakers (3 Sessions)
- 150 participants from 13 countries attended to the conference

## KST 2016 Events

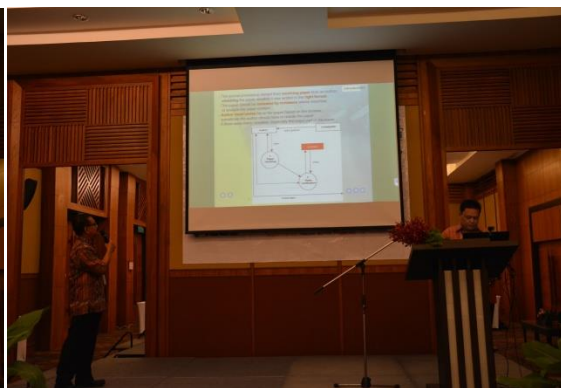
KST 2016 keynote speech was given by **Dr. Sun-Hwa Hahn**, President of Korea Institute of Science and Technology Information (KISTI), on the topic "Technology Foresight through the Collaboration with Human Expert and Machine Intelligence", **Prof. Dr. Philippe Lenca**, Head of the Department of Logics in Uses, Social Science and Information Science, Institut Mines Telecom, Telecom Bretagne, France, on the topic "From sensors and data to data mining for e-Health", and **Dr. Steve Russ** from Department of Computer Science, University of Warwick, United Kingdom on the topic "Human Computing: a New Smart Technology for Learning and Life".

KST 2016 special sessions and workshops were also organized as follows:

- Special Session on "Cognitive Science and Human Perception", by **Prof. Dr. Katsumi Watanabe** from Waseda University / the University of Tokyo, Japan and **Prof. Dr. Roberto Caldara**, University of Fribourg, Switzerland.
  - Special Session on "Image Processing, Computer Vision, Human Perception, Knowledge-based System and its Applications", by **Dr. Montri Phothisonothai**, International Collage, King Mongkut's Institute of Technology, Ladkrabang, Thailand.
  - Special Session on "Digital Science-based Issue Resolution", by **Prof. Dr. Seungwoo Lee** from Korea Institute of Science and Technology Information (KISTI), Korea.
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- Empirical Modelling Workshop by **Dr. Meurig Beynon** and **Dr. Steve Russ** from University of Warwick, United Kingdom and **Dr. Antony Harfield** from Naresuan University, Thailand.
  - Matlab Workshop on Computer Vision by **Assist. Prof. Dr. Parinya Sanguansat** from Panyapiwat Institute of Management, Thailand, technical co-sponsored by ECTI Association.
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- The 2<sup>nd</sup> International Consortium in Informatics Meeting (ICI Meeting) by **Assist. Prof. Dr. Suwanna Rasmequan** from Faculty of Informatics, Burapha University.





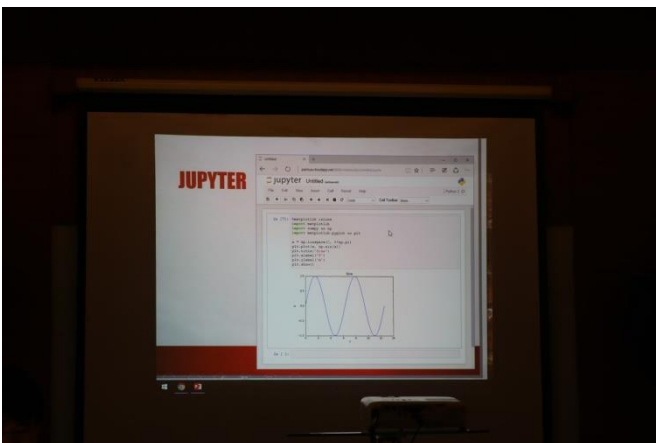


**Empirical Modelling Workshop**  
**By Dr. Meurig Beynon and Dr. Steve Russ from University of Warwick, United Kingdom and**  
**Dr. Antony Harfield from Naresuan University, Thailand.**





**Matlab Workshop on Computer Vision**  
**By Assist. Prof. Dr. Parinya Sanguansat**  
**from Panyapiwat Institute of Management, Thailand,**  
**Technical co-sponsored by ECTI Association.**



**The 2<sup>nd</sup> International Consortium in Informatics Meeting (2<sup>nd</sup> - ICI Meeting)**  
**By Assist. Prof. Dr. Suwanna Rasmequan from Faculty of Informatics, Burapha University**



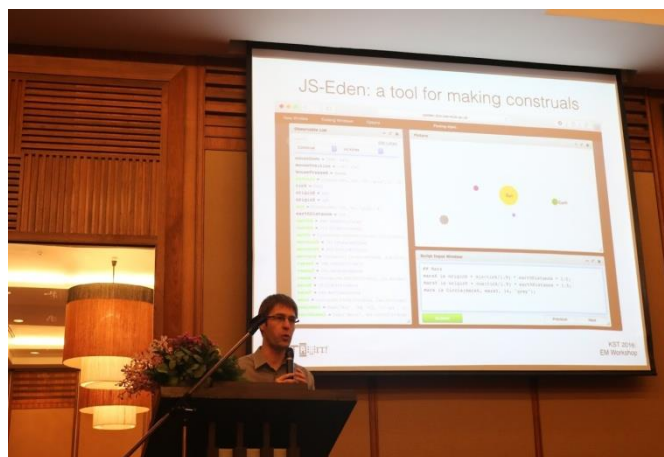
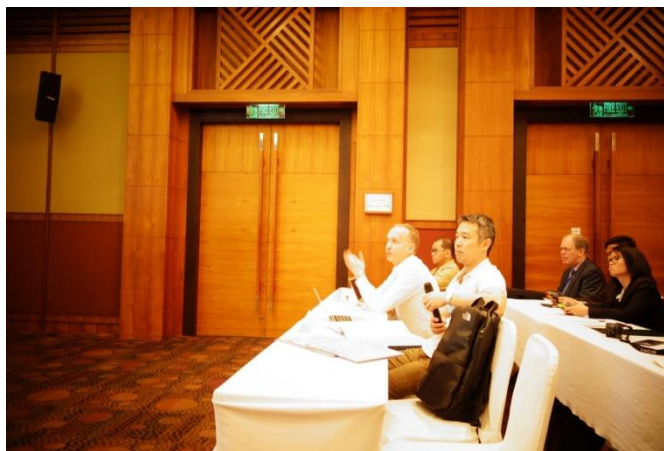


**ECTI-CIT Transaction Editorial Board Meeting  
By Prof. Dr. Kosin Chamnongthai, KMUTT, Thailand**





**Special Session on Cognitive Science and Human Perception**  
**By Prof. Dr. Katsumi Watanabe, Waseda University / the University of Tokyo, Japan and**  
**Prof. Dr. Roberto Caldara, University of Fribourg, Switzerland**



**Special Session on Image Processing, Computer Vision, Human Perception, Knowledge-based System and its Applications,  
By Dr. Montri Phothisonothai, International Collage, KMITL, Thailand**





**Special Session on Digital Science-based Issue Resolution**  
**By Prof. Dr. Seungwoo Lee, Korea Institute of Science and Technology Information (KISTI)**



## Welcome Reception on February 4, 2016

