2015 – 7th International Conference on Knowledge and Smart Technology (*KST*)

January 28-31, 2015. Faculty of Informatics, Burapha University, Chon Buri, THAILAND.

"*Entertainment Technology for Life*"

Call for papers

KST international conference has been established with the aim in mind that a sustainable community will be achieved through continuous studies and share resources. The conference will be held annually in Burapha University which located in the Eastern part of Thailand. 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. Accepted papers will be published in the KST-2015 Conference Proceedings. Presented and selected papers will be included in IEEEXplore® (ISBN: 978-1-4799-6048-4). Selected papers will be proposed for further extension before publishing in ECTI-Transaction on Computer and Information Technology (ECTI-CIT).

The list of topics of interest includes (but not limited to)

Computational Intelligence
- Artificial Immune Systems
- Bayesian Networks
- Cognitive Systems
- Computational neuroscience
- Data Analysis and Pattern Recognition
- DNA Computing
- Expert Systems
- Fuzzy Techniques and Systems
- Genetic Algorithms and Evolutionary Computing
- Knowledge-Based Systems (Knowledge Acquisition, Knowledge Discovery and Data Mining, Knowledge Representation and Management)
- Machine Learning
- Microarray Data Analysis
- Neural Networks
- Ubiquitous Computing

Intelligent Applications
- Bioinformatics using Intelligent & Machine Learning Techniques
- Fault Diagnosis
- Financial & Stock Market Monitoring and Prediction
- Geographical Information System
- Image & Signal and Time Series Processing
- Intelligent Disaster Warning System
- Intelligent Web-based Systems
- Machine & Computer Vision
- Medical & Diagnostic Systems
- Natural Language Processing
- Speech Processing and Synthesis

Intelligent Computer Networks and Systems
- Ad Hoc Networks
- Cloud and Grid Computing
- Computer Architecture
- Computer Simulation and Modeling
- Computer and Network Security
- Computer and Network Applications
- Computer Network and Communication
- Embedded Systems
- Network Management and Analysis
- Network Protocol and Architecture
- Mobile Computing and Systems
- Future Internet
- Parallel and Distributed Computing
- Pervasive and Mobile Computing
- Wireless Sensor Networks
- Wireless Networks and Communications

Emerging Intelligent Technologies
- Artificial Intelligence and Information Agents on the Internet
- Artificial Life
- Blind Source Separation
- Business Intelligence Systems
- Cognitive Interfaces
- Context-aware and Affective (Emotional) Computing
- Human-centered Computing
- Intelligent Operating Systems
- Intelligent Agents and Multi-Agent Systems
- Intelligent Tutoring Systems
- Intelligent User Interfaces
- Intelligent Web Mining & Applications
- Intelligent Web Personalization
- Semantic Web
- Multi- Media Intelligent Information Systems

Important Dates

Call for Special Session Proposal	~~July 15, 2014~~
Notification of Special Session	~~September 1, 2014~~
Final Call for Full paper submission (Extended)	~~October 30, 2014~~
Notification of acceptance	November 30, 2014
Registration	December 15, 2014
Camera-ready submission	December 15, 2014

Paper Submission

Full paper submission in English is expected. All manuscripts must be prepared in the standard IEEE Conference Proceedings format and limited to the maximum of 6 pages of A4 form in PDF format. Please use 10 points and Time New Roman font. The authors' names and affiliations, postal addresses, telephones, fax numbers and e-mail addresses must be omitted from the submitted manuscripts. Each manuscript must contain an abstract of about 100 words.

Conference site is **http://www.kst-thailand.org/**

Online submission site is **http://www.edas.info/N18217**

Honorary General Chairs
Kanchit Malaiwong, the Royal Institute, Thailand
Thares Punsri, NBTC, Thailand
Kwan Sitathani, NECTEC, Thailand
Sompol Pongthai, BUU, Thailand
Wirash Kanchanapibul, IEEE Thailand Section

General Chair
Chidchanok Lursinsap, CU, Thailand

General Co-chair
Peraphon Sopatsathit, CU, Thailand
Suwanna Rasmequan, BUU, Thailand

Steering Committee
Anongnart Srivihok, KU, Thailand
Boonserm Kijsirikul, CU, Thailand
Chantana Chantrapornchai, SU, Thailand
Chalermpan Fongsamut, BUU, Thailand
Chokechai Leangsuksan, Louisiana Tech, USA.
Chee-Hung Henry Chu, Louisiana, USA.
Chularat Tanprasert, NECTEC, Thailand
Don Kulasiri, Lincoln University, NZ.
Ekachai Parinyokul, RMUTTO, Thailand
Ekkarat Boonchieng, CMU, Thailand
Frank C. Lin, UMES, USA.
Katsumi Watanabe, U. of Tokyo, Japan
Meurig Beynon, Warwick, UK.
Ouen Pinngern, RU, Thailand
Panjai Tantasanawong, SU, Thailand
Pusadee Seresangtakul, KKU, Thailand
Philippe Lenca, Telecom Bretagne, France
Prasong Praneetpolgrang, SPU, Thailand
Ravi Gooneratne, Lincoln University, NZ.
Remo Job, University of Trento, Italy
Ryo Takagi, Kogakuin University, Japan.
Reinhard Langmann, FH D, Germany.
Sartra Wongthanavasu, KKU, Thailand
Steve Russ, Warwick, UK.
Susanto Rahardja, I2R, Singapore
Stanislav Makhanov, SIIT, Thailand
Tau-Tong Puangsuwan, SPUC, Thailand
Thanaruk Theeramunkong, SIIT, Thailand
Thanapant Raicharoen, NBTC, Thailand
Thavatchai Tayjasanant, IEEE Thailand Section
Thitipong Tanprasert, AU, Thailand
Veera Boonjing, KMITL, Thailand
Vasile Palade, Oxford, UK.
Wipada Wejprasit, PSU, Thailand
Yaowadee Temtanapat, TU, Thailand
Zhihui Du, Tsinghua, China

Technical Program Chair
Kosin Chamnonthai, KMUTT, Thailand
Krisana Chinnasarn, BUU, Thailand
Suphakant Phimoltares, CU, Thailand

Technical Program Committee
Annupan Rodtook, RU, Thailand
Antony Harfield, NU, Thailand
Chakchai So-In, KKU, Thailand
Ekachai Leelarasmee, IEEE Thailand Section
Kanuengnij Kubola, BUU, Thailand
Khamron Sunat, KKU, Thailand
Kriengsak Treeprapin, UBU, Thailand
Paramate Horkaew, SUT, Thailand
Pizzanu Kanongchaiyos, CU, Thailand
Ponrudee Netisopakul, KMITL, Thailand
Saichon Jaiyen, KMITL, Thailand
Saiyan Saiyod, KKU, Thailand
Sathit Nakkrasae, RU, Thailand
Suree Pumrin, CU, Thailand
Theekapun Charoenpong, SWU, Thailand
Vorapoj Patanavijit, AU, Thailand

Publication Chair
Suwanna Rasmequan, BUU, Thailand

Conference Treasurer
Benchaporn Chantarakongkul, BUU, Thailand

The Secretariat of KST-2015
Pusit Kulkasem, BUU, Thailand
Email: pusit@buu.ac.th

Sponsored by

Patronage by