The Thirteenth International Conference on Knowledge, Information and Creativity Support Systems (KICSS 2018)
November 15-17, 2018, Pattaya, Thailand

The Thirteenth International Conference on Knowledge, Information and Creativity Support Systems aims to facilitate technology and knowledge exchange between International researchers/scholars in the field of knowledge science, information systems, and system science and creativity support systems intensively in November 2018. The conference will cover a broad range of research topics in the fields of knowledge engineering and science, information technology, creativity support systems and complex system modeling. They include, but are not limited to:

- Anticipatory networks, systems, and decisions
- Autonomous creative systems
- Cognitive/psychological issues in creativity research
- Collaborative activities in Living Labs
- Collaborative idea generation and creativity
- Collaborative knowledge creation
- Collaborative working environments for creativity
- Complex system modelling
- Computer supported creativity
- Creative approaches to model technology evolution
- Creative business models and conflict resolution
- Creative coordination/cooperation mechanisms
- Creative decision processes and interaction techniques
- Creative model building and social computing
- Creative reasoning and decision making
- Creative research environments
- Creative visualisation of data and knowledge
- Creativity in finance, health care, social media, Cloud
- Creativity in augmented reality, mobile applications
- Creativity measurement, Creativity vs. rationality
- Creativity support systems, transfer and stimulation
- Creativity-enhancing interfaces
- Creativity-oriented information system architectures
- Decision sciences, Decision support systems (DSS)
- Discovery of opportunities, threats and challenges
- Foresight support systems (FSS)
- Future Internet and knowledge-based society
- Future exploration and modeling
- Future perspectives of creativity support
- Game theoretical aspects of knowledge
- General creative systems (GCS)
- Group recommendation, and advise
- Heuristics and general problem solving
- Information fusion and Information quality
- Knowledge extraction, creation, and acquisition
- Knowledge management and integration
- Knowledge representation and reasoning
- Knowledge verification and validation
- Machine learning and Natural language analysis
- Malicious creativity in the web
- Mathematical models of creative processes
- Multi-disciplinary in creativity research
- Multi-criteria decision making
- Multi-objective reasoning, Reasoning about knowledge
- Ontology creation and management
- Open innovation, Organizational learning
- Recommender systems, Preference modeling
- Scientific information management
- Search for a compromise in multi-criteria decision making and collaborative games
- Social Computing, Trust modeling
- Social factors of collaborative creativity

Software-based stimulation of creativity
Supervised and semi-supervised learning
Uncertainty modeling and World models
Virtual environment design
Visual Analytics and Intelligent User Interfaces
Web intelligence tools

Special Session on Urban Computing
Navigating the Urban jungle with SmartPhones
Crowdsourced data acquisition in the City
Enhancing City quality of life by mobile services
Urban computing and the Internet of Things
User-data interaction
Mining data in heterogeneous environments
Urban Computing and Smart Cities
Metering infrastructure and Smart Cities
Architectures for smart metering
Semantic sensing for Urban information gathering
Smart buildings and green-oriented sensing
Smart grid and Urban energy distribution
Urban utility metering and Sensing urban mobility
Reliability and security/Trust in Urban computing
Monitoring Big/Linked data metering
Standards for Smart Urban metering

Special Session on Big Data Analytics
Architectural Design for Big Data
Big Data Ethics, Big Data Governance
Conceptual and Cognitive Models for Analytics
Clustering and Big Data Centric Networking
Data Fusion and Multi Modal Analytics
Data Management in Clouds
Data Models for Big Data Analytics
Domain-specific Analytics, Security Analytics
Index Structures for Big Data Analysis
Semantics and Intelligent analysis of Big Data
Interaction Design for Exploratory Analytics
Machine Learning techniques for Big Data
Model Discovery from Big Data
NoSQL and non-standard Data Models
Physical Data Organization for Big Data
Predictive Modeling, Topic Modeling
Privacy Issues in Big Data Analytics
Programming Models for Big Data Analytics
Query Languages and Paradigms
Rule Mining from Big Data and Streaming Data
Standards for Data Centers
Scalability and Performance issues
Summarization and Materialized views
Unstructured and Semi-structured Data Mining
Visual Analytics

Paper Submission
All submitted papers must be original contributions that neither have been submitted to any other conference or journal, nor will be submitted to any other conference or journal during the review process. Accepted and presented papers will be published in the KICSS 2018 Conference Proceedings and submitted to IEEE Xplore. The first page should include the paper title, the names and the complete mailing addresses of all authors, and the e-mail address of the corresponding author. Each paper should consist of up to 200-word abstract, up to 5 keywords. No page number should be printed. All the text, figures and reference must be between 4-6 double-column A4 pages with font size of 10 pts. Authors MUST use IEEE manuscript submission guidelines for their initial submissions. All papers must be submitted electronically in PDF format only, using the conference management tool. The submitted papers must not be published or under consideration to be published elsewhere. Short papers and poster papers will be published in a proceedings and will be invited to JIIST journal (jiist.aiat.in.th).

Special Issue
A number of selected papers will be considered to publish in a special issue of a journal with impact factor.

More Information
Any question can be sent to process, e-mail: kicss2018@gmail.com

Important Dates
Paper Submission
August 26, 2018
Acceptance Notification
September 10, 2018
Camera-Ready
September 25, 2018

KICSS 2018 Conference
Nov. 15-17, 2018

Paper Submission Page
http://saki.siit.tu.ac.th/kicss2018/

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Sirindhorn International Institute of Technology (SIIT, Thammasat University, Thailand)
Thailand National Electronics and Computer Technology Center (NECTEC, Thailand)
Japan Advanced Institute of Science And Technology (JAIST, Japan)
Burapha University (BUU, Thailand)

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