



## SKIMA 2017

The 11<sup>th</sup> International Conference on *Software, Knowledge, Information Management and Applications*  
6-8 Dec 2017, Colombo, Sri Lanka  
([www.skimanetwork.info](http://www.skimanetwork.info))

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### Submission Guidelines:

Authors are invited to submit papers describing original, previously unpublished work, not currently under review by another conference, workshop, or a journal. Full papers (up to 8 camera-ready pages, 10 pt font in IEEE format) should present novel perspectives within the general scope of the conference. All papers must include title, complete contact information for all authors, abstract, and keywords on the cover page. Paper submission will be reviewed and evaluated based on its originality, technical quality, and relevance to the conference. Conference content will be submitted for inclusion into IEEE Xplore (approval pending) as well as other Abstracting and Indexing (A&I) databases. Note that, one of the authors must present their papers at the conference to be included into IEEE Xplore.

SKIMA 2017 invites proposals for Special sessions and tutorials in all relevant areas. Sessions can cover any of the established topics as well as emerging subfields. Please send one page proposal with a title and brief description of the session and tutorial contents.

### Important Dates:

Special session and tutorial proposal	15 July 2017
Paper submission deadline	31 July 2017
Notification of paper acceptance	30 September 2017
Camera ready paper deadline	31 October 2017
Conference	06-08 December 2017

The 11<sup>th</sup> International Conference on Software, Knowledge, Information Management and Applications (SKIMA 2017) is going to be held from 06 to 08 December 2017 in Colombo, Sri Lanka. The conference aims to bring together researchers and experts in Knowledge Management, Software Engineering and Information Systems to share their ideas, experiences and insights. We welcome researchers and practitioners from academia, industries, research institutions, R&D enterprise services and governmental organisations to exchange innovative contributions around the conference topics. This conference series was started in an international collaboration context between research professionals in Western and Asian countries in Chiang Mai, Thailand 2006. Subsequently, the next SKIMA conferences were organized in Kathmandu, Nepal in 2008; Fez, Morocco in 2009; Paro, Bhutan in 2010; Benevento, Italy in 2011, Chengdu, China in 2012, Chiang Mai Thailand in 2013, Dhaka, Bangladesh in 2014, Kathmandu Nepal in 2015 and Chengdu China 2016. The research topics of SKIMA 2017 are very significant for developed and fast growing region. The topics include but are not limited to:

- Agile and Complex systems
- AI, Decision support systems & optimisation
- Medical Informatics & eHealth
- Systems Biology and Bioinformatics
- Big data
- Business ecosystems modelling & simulation
- Business intelligence
- Cloud computing
- Collaborative systems
- Complex system management
- Data engineering & mining
- Distribution systems & strategies
- E-Learning & technology enhanced learning
- Enterprise interoperability
- E-strategy & e-Business models
- e-Tourism
- Future Internets
- Fuzzy, GA & neural systems
- Human factors
- Human adaptive mechatronics
- Information search & retrieval
- Information interfaces & presentation
- Information systems & infrastructure
- Intelligent control and robotics
- Intelligent manufacturing systems
- Internet of things
- KM techniques & Multi-agent systems
- Knowledge based entrepreneurship
- Life-cycle engineering and PLM
- Mobile technology
- Modern production management & mechatronics
- Multi-level multi-objective optimization
- Network-based computing systems
- Network management & security
- Next generation of infrastructure
- Ontology and mapping mechanisms
- Representation techniques to semantic modelling
- Research informed learning & teaching
- Robotics and mechatronics
- Sensor design, integration & fusion
- Service oriented architecture
- Signal, image and video processing
- Smart sensors networks
- Smart home environments
- Smart vision and image processing
- Software engineering
- Supply chains & logistics management
- System and Information Security
- Technology enhanced learning
- Travel search & meta-search
- Web 2.0 & Web 3.0 & website design/evaluation
- Wireless & telecommunications

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Hosted by: Sri Lanka Institute of Information Technology, Colombo, Sri Lanka.