



SKIMA 2020

14th International Conference on Software, Knowledge, Information Management and Applications
09-11 December 2020, Kuala Lumpur, Malaysia

(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Authors are invited to submit papers describing original, previously unpublished work, not currently under review by another conference, workshop, or a journal.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. The accepted paper must be registered and presented in the conference to be included into IEEE Xplore. SKIMA 2020 (approval pending). Selected conference/workshop papers will be invited to extend to consider for a special issue of some journals (approval pending). SKIMA 2020 also 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:

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|---------------------------------------|---------------------|
| Special session and tutorial proposal | 31 May 2020 |
| Paper submission deadline | 31 July 2020 |
| Notification of paper acceptance | 31 August 2020 |
| Camera ready paper deadline | 30 September 2020 |
| Conference | 09-11 December 2020 |

The 14th International Conference on Software, Knowledge, Information Management and Applications (SKIMA 2020) is going to be held from 09 to 11 December 2020 in Kuala Lumpur, Malaysia. Faculty of Engineering, Universiti Putra Malaysia will be the host of the conference. 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, Chengdu China 2016, Colombo Sri Lanka in 2017, Phnom Penh Cambodia in 2018 and Ukulhas, Maldives in 2019. The research topics of SKIMA 2020 are very significant for developed and fast growing region. The topics include but are not limited to:

- Applied Artificial Intelligence
- Agile and Complex systems
- Medical Informatics & eHealth
- Blockchain Technologies
- Big data and Deep Learning
- 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
- Information search & retrieval
- Information interfaces & presentation
- Information systems & infrastructure
- Intelligent manufacturing systems
- Internet of things
- KM techniques & Multi-agent systems
- Knowledge based entrepreneurship
- Mobile technology
- Life-cycle engineering and PLM
- 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
- 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
- Website design/evaluation
- Wireless & telecommunications