



SKIMA 2022

14th Int **IEEE** (Tech Co-sponsor) Conf on **Software, Knowledge, Information Management & Applications**
(With The International Workshop on University and Digital Sustainability)
02-04 December 2022, CamTech University, Phnom Penh, Cambodia
(<http://skimanetwork.org> and <https://camtech.edu.kh/seminars-conferences/skima-2022/>)

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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Authors are invited to submit papers describing original, previously unpublished work, not currently under review by another conference, workshop, or a journal.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 6 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 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 2022 is also organising a special International Workshop on 'University & Digital Sustainability' as a part of the conference.

Important Dates:

Special session & tutorial proposal:	10 October 2022
Full Paper submission deadline:	10 October 2022
Notification of paper acceptance:	25 October 2022
Camera ready paper deadline:	15 November 2022
Conference	2-4 December 2022

The International Conference on Software, Knowledge, Information Management and Applications (SKIMA 2022) is going to be held from 2 to 4 December in Phnom Penh, Cambodia. 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 Maldives 2019. Digital Transformation of a sustainable University will be one of the main focused areas of SKIMA 2022 in which a session for the head of higher education institutions will be arranged to share their knowledge, ideas and views. The research topics of SKIMA 2022 are very significant for developed and fast-growing region. The topics include but are not limited to:

- Artificial Intelligence (AI)
- Agile and Complex systems
- Augmented and Virtual Reality
- Data Mining/Engineering/Sc.
- Decision Support Systems
- Business Intelligence
- Cloud computing
- Cyber Security
- Complex system management
- Distribution systems
- Educational Technology
- E- & blended learning
- Enterprise interoperability
- E-strategy/e-Business
- e-Tourism
- Future Internets
- Fuzzy, GA & neural systems
- Data Visualisation
- Information systems
- Intelligent manufacturing systems
- Medical/Bioinformatics
- eHealth/mHealth
- Internet of things (IoTs)
- Knowledge Management
- Multi-agent systems
- Knowledge based entrepreneurship
- Mobile technology
- Life-cycle engineering and PLM
- Modern production management & mechatronics
- Multi-objective optimization
- Network management & security
- Ontology and mapping mechanisms
- Representation techniques to semantic modelling
- Future of digital life
- Digital/social media marketing
- 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
- Website design/evaluation
- Wireless & telecommunications

International Workshop on University & Digital Sustainability

Workshop Chair: Prof Rethy K. Chhem & Prof Alamgir Hossain

The workshop aims to promote the concept of **Digital Sustainability**, which is defined as the effort to develop and apply intelligent technologies to achieve sustainable economic growth in the context of the United Nations (UNs) SDGs. It will be a day-long workshop with the heads of national and international higher education institutions (HEIs) to share experiences about the potential and challenges of the digital transformation for institutional digital services (finance, HR, library, sports, learning management systems, etc.), e-learning, blended learning, m-learning, VR/game-based learning, etc. The workshop's topic includes transforming cross-faculty research and innovation using new digital technologies, particularly data science and AI. It also aims to bring a new dimension to the universities to work with UNs SDG team, government agencies and policy makers to build a digital framework for a sustainable socio-economic growth.

Contact email of the conference: 2022skima@gmail.com