

# **SKIMA 2025**

16th International conference on **S**oftware, **K**nowledge, **I**nformation **M**anagement & **A**pplications (SKIMA) (Technically Co-Sponsored by IEEE Computer Society)

9-11 June 2025, University of the West of Scotland, Paisley, UK.

(http://skimanetwork.org)

#### **Advisory Board**

Abdel Aziz Bouras, Qatar University, Qatar Nauman Aslam, Northumbria University, UK Dimitrios Lampridis, Aristotle University Thessaloniki, Greece Seingheng Hul, MISTI, Cambodia Yacine Ouzrout, University of Lyon 2, France Rameshwar Rijal, KEC, Nepal Slamet Riyadi, Soegijapranata Catholic University (SCU), Indonesia Ingrid Rügge, University of Bremen, Germany Aicha Sekhari, University of Lyon 2, France Ruhul Sarker, University of New South Wales, Australia Tomasz Siewierski, Technical University of Lodz, Poland Zoltán Szabo, Budapesti Corvinus Egyetem, Hungary Xinheng Wang, Xi'an Jiaotong-Liverpool University, China Hongnian Yu, Edinburgh Napier University, UK

#### **General Chairs**

Keshav Dahal, University of the West of Scotland, UK Alamgir Hossain, Digital Readiness & Intelligence Ltd, UK

#### **Organising Chairs**

Jose Alcaraz-Calero, University of the West of Scotland, UKNaeem Ramzan, University of the West of Scotland, UK James Riordan, University of the West of Scotland, UK Muhammad Shakir, University of the West of Scotland, UK Qi Wang, University of the West of Scotland, UK

## **Program Chairs**

Marco Gilardi, University of the West of Scotland, UK Teresa Goncalves, University of Evora, Portugal Zeeshan Pervez, University of Wolverhampton, UK

#### **Publication Chairs**

Ravi Koirala, University of the West of Scotland, UK Pradorn Sureephong, Chiang Mai University, Thailand

#### **Publicity Chairs**

Sophea Prum, CamTech University, Cambodia Rabindra Bista, Kathmandu University, Nepal Nejib Moalla, University of Lyon 2, France Sri Devi Ravana, University Malaya, Malaysia Subrata Dutta, NIT Jamshedpur, India Nasser Alsharif, Taif University, Saudi Arabia Florentinus Budi Setiawan, SCU, Indonesia

#### **Web-System Chairs**

Aboua Ange Kevin N'Da, University of the West of Scotland, UK Suman Shrestha, Kantipur Engineering College, Nepal

### **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Authors are invited to submit papers describing original, previously unpublished work, not currently under review by another conference, workshop, or a journal.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 cameraready 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. Selected papers will be invited to extend to publish in highquality journals.

### **Important Dates:**

Special session & tutorial proposal: 15 February 2025 Full Paper submission deadline: 15 March 2025 Notification of paper acceptance: 15 April 2025 Camera ready paper deadline: 15 May 2025 9-11 June 2025 Conference

The International Conference on Software, Knowledge, Information Management and Applications (SKIMA 2025) is going to be held 9-11 June 2025 in Paisley, Scotland, UK. 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 organised 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, Maldives 2019, Phnom Penh, Cambodia 2022 and Kuala Lumpur, Malaysia In 2023. Safety & Assurance of AI Systems will be one of the main focused areas of SKIMA 2025. The research topics of SKIMA 2025 are very significant for developed and fastgrowing region. The topics include but are not limited to:

- Artificial Intelligence (AI)
- Generative AI
- Large Language Models
- AR/VR/Immersive Technology
- Data Mining/Engineering/Sc. **Decision Support Systems**
- Business Intelligence
- Blockchain technology
- Cloud computing
- Cyber Security
- Educational Technology
- Enterprise interoperability
- E-strategy/e-Business
- e-Tourism
- **Future Internets**
- Fuzzy, GA & neural systems
- Data Visualisation
- Information systems
- Intelligent manufacturing systems
- eHealth/mHealth/Digital Health Internet of things (IoTs)
- Multi-agent systems

- Knowledge Management
- Mobile technology
- Life-cycle engineering and PLM
- Network management & security
- Ontology and mapping mechanisms
- Semantic modelling
- Future of digital life
- Digital/social media marketing
- Robotics and mechatronics
- Safety and assurance of AI systems
- Sensor design, integration & fusion
- Service oriented architecture
- Smart city/village
- Smart sensors networks
- Smart home environments
- Smart vision and image processing
- Smart/Precision Agriculture
- Software engineering
- Supply chains
- Logistics management
- System and Information Security
- Wireless & telecommunications

