

ABOUT THE CONFERENCE

With ICKSE held successfully in Paris 2014, Italy in 2015, Paris in 2017, Istanbul in 2018, and Singapore in 2023 (Virtual).

2024 6th International Conference on Knowledge and Software Engineering (ICKSE 2024) will be held in **Manila, Philippines, on April 24-26, 2024.**

COMMITTEE (Last year)

Conference General Chair

Chua-Chin Wang, National Sun Yat-Sen University, Taiwan

Conference Co-chair

Chip Hong Chang, Nanyang Technological University, Singapore

Program Chairs

Kai-Kit Wong, University College London, UK

Arumugam Nallanathan, Queen Mary University of London, UK

Program Co-chairs

Wee Peng Tay, Nanyang Technological University, Singapore

Eng Siong Chng, Nanyang Technological University, Singapore

Publicity Chair

Adao Silva, University of Aveiro, Portugal

SUBMISSION GUIDELINE

All submitted papers should be in the form of .pdf file and are to be with a minimum length of 8 pages, including figures, tables and references **VIA:**

<https://confsys.iconf.org/submission/ickse2024>

IMPORTANT DATE

- **Submission Deadline: December 30, 2023**
- **Notification Date: January 30, 2024**
- **Registration Deadline: February 29, 2024**
- **Conference Date: April 24-26, 2024**

CALL FOR PAPERS

Topics of papers include but not limited to:

1. Agent architectures, ontologies, languages and protocols

Multi-agent systems
Agent-based learning and knowledge discovery
Interface agents
Agent-based auctions and marketplaces
Artificial life and societies
Secure mobile and Multi-agent systems
Mobile agents
Mobile Commerce Technology and Application Systems
Mobile Systems

2. Knowledge Acquisition

Knowledge-Based and Expert Systems
Knowledge Representation and Retrieval
Knowledge Engineering Tools and Techniques
Time and Knowledge Management Tools
Knowledge Visualization
Data visualization
Uncertainty Knowledge Management
Ontologies and Methodologies
Learning Software Organization
Tutoring, Documentation Systems
Human-Computer Interaction
Multimedia Applications, Frameworks, and Systems
Multimedia and Hypermedia Software Engineering

3. Autonomic computing

Adaptive Systems
Integrity, security, and fault tolerance
Reliability
Enterprise software, middleware, and tools
Process and workflow management
E-commerce solutions and applications
Industry system experience and report
Service-centric software engineering
Service oriented requirements engineering
Service oriented architectures
Middleware for service based systems
Service discovery and composition
Quality of services
Service level agreements (drafting, negotiation, monitoring and management)
Runtime service management
Semantic web

4. Smart Spaces

Pervasive Computing
Swarm intelligence
Soft Computing
Software Architecture
Software Assurance
Software Domain Modeling and Meta-Modeling
Software dependability
Software economics
Software Engineering Decision Support
Software Engineering Tools and Environments
Software Maintenance and Evolution

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