**CUTE 2020 Call for Papers**

**The 15th KIPS International Online Conference on**

**Ubiquitous Information Technologies and Applications (CUTE 2020)**

**Online, Dec. 16 - 17, 2020**

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[**https://kips.or,kr/cute2020**](https://kips.or,kr/cute2020)

**Organized by KIPS/Korea & APTIKOM/Indonesia**

**Registered Paper Recommendation to a SCOPUS Journal**

The 15th KIPS International Conference on Ubiquitous Information Technologies and Applications (CUTE 2020) will be held on Dec. 16 - 17, 2020. This year we will hold CUTE 2020 conference **online** due the problem of COVID-19. CUTE 2020 will be held in cooperation with APTIKOM, which is an Indonesian society for IT researchers, educator and engineers.

﻿ **Important Dates**

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| **- Full manuscripts submission due** | **Nov 8, 2020** |
| **- Notification of acceptance** | **Nov 22, 2020** |
| **- Camera-ready paper due** | **Dec 7, 2020** |
| **- Registration due** | **Dec 7, 2020** |
| **- Online Conference** | **Dec 16~17, 2020** |

**Paper Submission and Publication**

Prospective authors should submit full papers in English, with **2~4 pages** (Extended Abstract or Full Paper). Accepted forms for submission are soft copy in **MS Word file format only**. Authors should submit papers electronically only using the on-line submission interface available at [**https://kips.or,kr/cute2020**](https://kips.or,kr/cute2020). Submissions should include abstract, key words, the e-mail address of the corresponding author, and must not exceed four pages, including tables and figures, according to the IEEE. **Submissions imply the willingness of at least one author to register and present the paper online**. The conference proceedings (Soft Copy) of CUTE 2020 will be published in English by KIPS and the extended version of registered papers will be recommended to the special issue of the JIPS, high-level SCOPUS registered journal (http://jips-k.org/). The journal publisher requires separate publication fee (discounted 25%).

**- Journal of Information Processing Systems (JIPS) - KIPS (SCOPUS) Special Issue**

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**Topics**

We are inviting new and unpublished papers on, but not limited to, the following topics:

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| **Track 1. Ubiquitous Communication and Networking**  - Ubiquitous wired and wireless networks  - Ad-hoc networking  - Intelligent sensor network/RFID  - Ubiquitous/pervasive platform and middleware  - Automated, adapted and situated service  - Intelligent web service  - Mobile and ubiquitous multicasting  - Next-generation Internet & IPv6  - Mobile network (NGN/BcN)  - Wireless communication technology & Future Internet | **Track 2. Ubiquitous Software Technology**  - Context-aware acquisition and representation  - Context-aware media processing  - Context database/management  - Context framework and middleware  - Context analysis and utilization  - Context/Location-aware application  - Energy-aware system  - Resource-aware computation  - Self-aware computers and systems  - Open service architecture |
| **Track 3. Ubiquitous Systems and Applications**  - Distributed ubiquitous middleware  - Ubiquitous intelligent applications  - Ubiquitous intelligent systems  - Intelligence grid platform and service  - U-Health care system  - Smart appliances and wearable devices  - Haptic interfaces and interactions  - Design principles for multimodal systems  - Multimodal gaming and entertainment  - Computer imaging and graphics  - Ubiquitous learning | **Track 4. Ubiquitous Security, Privacy and Trust, etc**  - Information security and cryptography  - Security mechanisms/protocols in network/system levels  - Access control in network/system levels  - Identity, privacy, and trust issues in ubiquitous society  - Risk estimation and management  - Formal verification for security services & protocols  - Performance analysis for security services & protocols  - IT Convergence Services |

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