

Annual Report of Technical Committee on Information and Communication Management (ICM)



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1. Introduction

The technical committee on Information and Communication Management (ICM) is a technical committee of the Communications Society of the IEICE [1]. This article briefly reports the last year’s activities of ICM and introduces the upcoming English session.

2. Activities

The ICM held two-day technical meetings five times from May 2021 to March 2022. The venues and the main topics of each meeting are shown in Table 1. In addition, three special sessions were sponsored by ICM as shown in Table 2.

Of particular note, in the English session in 2021 IEICE Society Conference at Online, the number of papers reached 11 in total. This session was hosted and presented entirely in English. The purpose of this session is to promote the globalization of the IEICE by providing the participants staying in Japan or joining from overseas with more opportunities for presentations and discussions in English.

Table 1. ICM Technical Meetings in FY 2021.

No	Date	Venue	Main Topics	Joint
1	May 13-14	Online	Service Management, Operation/Administration, Security Management, etc.	IPSI-IOT IPSIJ-CSEC
2	Jul. 15-16	Online	Management Function, Management Theory, etc.	-
3	Nov. 25-26	Reference Hakata Ekihigashi Rental Room (Fukuoka) and Online	Network Quality, Network Management and Measurement, Network Virtualization	CQ NS NV
4	Jan. 27-28	Online	Applications and Research Opportunities of Life Log, Office Information System and Business Management	LOIS
5	Mar. 3-4	Online	Element Management, Management Functionalities, Operations and Management Technologies, etc.	-

Table 2. Special Sessions by ICM in FY 2021.

Title	Date	Remarks	Theme
English Session	Sep. 16	As one of the symposium sessions in IEICE Society Conference	Network and Service Design, Control and Management
APNOMS 2021	Sep. 8-10	The premier conference in the Asia Pacific region sponsored by ICM	Networking Data and Intelligent Management in the Post-COVID19 Era
ICM Workshop	Mar. 3	In conjunction with ICM Technical Committee Meeting	Evolution of Information and Communication Management Accelerating Toward the 6G Era in 2030

Furthermore, ICM Workshop 2022 was held as the part of online conference. In the panel session, four invited speakers presented and discussed the theme, to the obvious interest of the approximately 30 attendees. After the session, a banquet was held virtually to promote social intercourse. On another day, the ICM annual award ceremony was held to celebrate winners in 2021.

3. Awards and Upcoming Event

The winners are shown in Table 3. The English Session Encouragement Award is given to the authors of the best papers of the English session every year (Fig. 1). ICM committee is now calling for submission for the upcoming English session. The deadline is early in July.

4. Reference

[1] ICM, <https://www.ieice.org/~icm/eng/>

Table 3. Winners of ICM Awards in 2021.

Award	Winners	Title
Research Award	Natsuki Fukazawa, Naoki Yoshida, Shingo Ata, Ikuo Oka	Utility of Training Data in Sequential Accumulation Learning-Based Anomaly Detection
	Masaru Sakai, Kensuke Takahashi, Satoshi Kondoh	Study of Constructing a Petri net Model using Distributed Trace Data of Microservices.
	Reiko Kondo, Takashi Shiraiishi, Hitoshi Ueno	The Techniques for managing configuration differences in container-based systems
English Session Encouragement Award	Hong Duc Nguyen, Shunsuke Aoki, Yuuki Nishiyama, Kaoru Sezaki	An Online Task Offloading Strategy in Vehicular Edge Computing

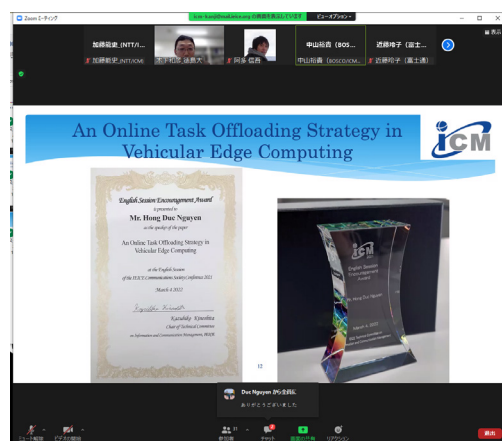


Fig. 1. ICM Annual Award (English Session Encouragement award)