

# ICMIC 2023 The 2<sup>nd</sup> International Conference on Maritime IT Convergence

## "Enhancing Convergence of ICT in the Artificial Intelligence Era"

August 23-25, 2023 | Jeju Island, Korea  
Hybrid: In-Person and Virtual Conference

### GENERAL INFORMATION

The International Conference on Maritime IT Convergence (ICMIC) aims to promote convergence activities of maritime, terrestrial and aerial communications as well as related advanced wireless communications. Recognizing that maritime communications will usually involve ship-to-ship and ship-to-shore communication, maritime ICT technologies will bring some mature but still evolving terrestrial wired/wireless communication technologies to its own use for future smart maritime communications. More specifically, the conference will focus on addressing challenges of maritime communications with ICT convergence or advanced future communications over various industrial sectors, academia and practice engineers. The conference will include keynote sessions, invited special sessions and technical paper sessions. You are invited to submit papers in all areas of maritime communications, applications for ICT convergence, technologies, or advanced future communications.

**RELATED TOPICS:** Potential topics in this conference include, but not limited to:

- Maritime wireless communications
- Maritime artificial intelligence and machine learning
- Maritime satellite communications
- Maritime Internet of Things
- Maritime autonomous navigation
- Air-to-sea communications
- Free space optics
- Visible light communications
- Underwater wireless communications
- Underwater optical communications
- Underwater positioning system
- 6G, 5G and LTE-Advanced networks
- Machine-to-machine and D2D communications
- Vehicular Information and communication technologies
- Military communication technologies
- Unmanned aerial vehicle
- Remote control
- Mobile S/W and Data Science
- Big Data and Smart Computing
- Behavior pattern awareness
- Intelligent transportation systems
- Deep Learning-based object recognition for maritime applications
- VR, AR for maritime applications
- Metaverse Applications
- Blockchain
- Encryption and security for ICT convergence

### SUBMISSIONS

ICMIC 2023 invites the submissions of original, unpublished research work that is not currently under review.

- Work in progress: 1-2 pages
- Regular papers: up to 4 pages

Detailed formatting and submission guidelines are available at the conference website (<http://icmic-conf.org>.)

### PRESENTATION

The accepted paper will be presented either in an oral session or a poster session. All accepted papers will appear in the ICMIC 2023 proceedings only if at least one of the authors registers the conference to present the paper.

### JOURNAL PUBLICATION

Extended versions of selected papers will be invited for publication in the [Special Issue of Electronics \(MDPI, Impact Factor of 2.69\)](#) for the 2023 ICMIC. In addition, some papers will be encouraged to submit to other SCIE indexed journals, such as ICT Express, Journal of Communications and Networks, and Wireless Personal Communications. Moreover, some Scopus indexed journals, such as the International Journal of Sensors, Wireless Communications and Control (SWCC), will be a venue for publications.

### BEST PAPER AWARDS

ICMIC 2023 will present the Best Paper Awards to the authors of selected outstanding papers.

### IMPORTANT DATES:

- Paper submission deadline: **April 30, 2023**
- Notification of acceptance: **June 30, 2023**
- Camera ready deadline: **July 14, 2023**
- Author registration deadline: **July 14, 2023**

**CONTACT:** For any inquiries, please contact at [icmic@icmic-conf.org](mailto:icmic@icmic-conf.org)

### INTERNATIONAL ADVISORY COMMITTEE

- Zabih Ghassemlooy (Northumbria University, UK)
- Een-Kee Hong (Kyung Hee University, Korea)
- Do Hyung Kang (KIOST, Korea)
- Dong Jin Kang (Korean Society of Oceanography, Korea)
- Anand Srivastava (IIT Delhi, India)
- Murat Uysal (Ozyegin University, Turkey)

### INTERNATIONAL STEERING COMMITTEE

- Trio Adiono (Institute of Technology at Bandung, Indonesia)
- Chang-jun Ahn (Chiba University, Japan)
- Robert Bestak (Czech Technical University, Czech Republic)
- Manav R. Bhatnagar (IIT Delhi, India)
- Dong Wook Cho (Chungbuk Provincial University, Korea)
- Francisco Jose Lopez Hernandez (Universidad Politecnica de Madrid, Spain)
- Sevia M. Idrus (Universiti Teknologi Malaysia, Malaysia)
- Yeon Man Jeong (Gangneung-Wonju National University, Korea)
- Dong Seong Kim (Kumoh National Institute of Technology, Korea)
- Woo Yong Lee (ETRI, Korea)
- Prasant Kumar Sahu (IIT Bhubaneswar, India)
- Himal A. Suraweera (University of Peradeniya, Sri Lanka)

### GENERAL CO-CHAIRS

- Yeon Ho Chung (Pukyong National University, Korea)
- Dong Myung Lee (Tongmyong University, Korea)

### TECHNICAL PROGRAM COMMITTEE CO-CHAIRS

- Seungjae Baek (KIOST, Korea)
- Yonggang Kim (Kongju National University, Korea)

### TECHNICAL PROGRAM COMMITTEE

- Motassem Al-Tarazi (University of Nebraska-Lincoln, USA)
- Sudhanshu Arya (Pukyong National University, Korea)
- Willy Anugrah Cahyadi (Telkom University, Indonesia)
- Indranath Chatterjee (Tongmyong University, Korea)
- Yu-Wen Chen (New York City College of Technology, New York, USA)
- Hyuckjin Choi (Kyushu University, Japan)
- Chanjun Chun (Chosun University, Korea)
- Vo Le Cuong (Hanoi University of Science and Technology, Vietnam)
- Minseok Han (Korea Naval Academy, Korea)
- Minkyu Je (Korea Advanced Institute of Science and Technology, Korea)
- Hyoyoung Jung (KOPTI, Korea)
- Beomjun Kim (Yonam Institute of Technology, Korea)
- Gyung Bae Kim (Seowon University, Korea)
- Kyungsook Kim (National Institute of Advanced Industrial Science and Technology, Japan)
- Ryangsoo Kim (ETRI, Korea)
- Suk Chan Kim (Pusan National University, Korea)
- Sunyong Kim (Dongseo University, Korea)
- Yohan Kim (Dongseo University, Korea)
- Yonghun Kim (KATECH, Korea)
- Jin Hwan Koh (Gyeongsang National University, Korea)
- Wang Sang Lee (Gyeongsang National University, Korea)
- Sung Hoon Lim (Hallym University, Korea)
- Jenn-Wei Lin (Fu Jen Catholic University, New Taipei City, Taiwan)
- Suman Malik (IIT Kanpur, India)
- Sifat Rezwani (TU Dresden, Germany)
- Rehenuma Tasnim Rodoshi (George Mason University, USA)
- Prakriti Saxena (INRIA, France)
- Yujae Song (Kumoh National Institute of Technology, Korea)
- Min Sang Yoon (Fujitsu Network Communications, Texas, USA)

### FINANCE CHAIR

- Taewoon Kim (Pusan National University, Korea)

### PUBLICITY CHAIR

- Wooyeol Choi (Chosun University, Korea)

### REGISTRATION CHAIR

- Hyuntae Cho (Tongmyong University, Korea)

### PUBLICATION CHAIR

- Dongwan Kim (Dong-A University, Korea)

### WEB CHAIR

- Inchul Shin (Pukyong National University)