

The 11th International Conference on Green and Human Information Technology



Call for Papers *"Hyper Automation + Human AI"*

The 11th International Conference on Green and Human Information Technology is the unique global conference for researchers, industry professionals, and academics who are interested in the latest development of green and human information technology. This year's conference theme is "Hyper Automation + Human AI." The latest technologies of Human AI are already pervading our daily personal life regardless of our recognition. They give us big challenges and great opportunities at the same time. Centering on this theme, we provide an exciting program: hands-on experience-based tutorial sessions and special sessions covering research issues & directions with applications from both theoretical and practical viewpoints. The conference will also include plenary sessions, technical sessions, and workshops with exhibition. The topics include, but are not limited to:

• Green Information Technology

- Green Technology & Energy Saving
- Green Computing & Green IT Convergence and Applications

• Communication and IoT

- Communications & Networks
- Optical & Visual Light Communication
- Ad-hoc & Sensor Networks
- M2M/IoT & Ubiquitous Computing

• Computer and Network Security

- Wireless and Mobile Security
- Internet of Things Security
- Applied Cryptography
- Security in Big Data and Cloud Computing

• Multimedia and Signal Processing

- Multimedia Processing &
- Smart Media Technology
- Speech and Signal Processing
- Computer Vision and Image Processing

• Control and Intelligent System

- Automatic Control & Neural Network and Fuzzy
- Artificial Intelligence & HCI
- Intelligent Robotics and Transportation & HRI
- Brain Science and Bioengineering

• SW/HW Design, Architecture & Development

- Architecture & Protocols
- Sustainable Sensor Networks
- Information-centric Sensor Networks
- Blockchain-based Secure Sensor Networks
- AI-based Self-evolving Sensor networks
- Sensor/RFID Circuit Design
- System on Chip (SoC)
- IC System for Communication

Information for Authors

- Submitted papers are subject to a blind reviewed process handled by an international technical program committee. An author of an accepted paper must be registered at full rate prior to uploading the camera-ready version.
- Papers must adhere to page limits as follows ; Regular and Work-in-progress papers (6 pages) | Workshop & Special Session paper (6 pages)
- Detailed information is in the web site (<http://icghit.org/>).
- Submission link: <https://www.edas.info/newPaper.php?c=29951>

Important Dates

- Deadline for regular paper: Oct. 20, 2022
- Deadline for work-in-progress paper: Oct. 20, 2022
- Notification of acceptance of regular paper: Oct. 31, 2022
- Notification of acceptance of work-in-progress paper: Oct. 31, 2022
- Notification of acceptance of workshop paper: Oct. 31, 2022
- Deadline for camera-ready paper: Nov. 10, 2022
- Deadline for camera-ready workshop & special session paper: Nov. 10, 2022
- Deadline for early registration: Nov. 10, 2022

Journal Publications

Extended versions of selected quality papers will be published in the special issues of SCI(E) and Scopus journals after reviews and revisions.

Call for Workshop & Exhibition Proposals

ICGHIT 2023 will be hosting workshops or special sessions any research group. Please contact Woontack Woo(wwoo@kaist.ac.kr)

Best Paper Awards

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

Sponsored by



Contacts

Jinhong Kim at (jinhkm@pcu.ac.kr, +82-42-520-5071)

Committee Members

International Advisory Committee:

Seong Oun Hwang (Gacheon Univ., Pres. of IEIE CIS, Korea)

General Co-Chairs:

Kyutae Lee (Kongju National Univ., Korea)

Hyunsik Ahn (Tongmyong Univ., Korea)

Steering Committee:

BeongKu An (Hongik Univ., Korea)

Yong-Gyu Jung (Eulji Univ., Korea)

Seungcheon Kim (Hansung Univ., Korea)

Moonsik Kang (GangneungWonju Nat. Univ., Korea)

Organizing Chair:

Duckki Lee (Yonam Institute of Technology, Korea)

Local Management Co-Chairs:

Franklin Bien (UNIST, Korea)

Do Hyeun Kim (Jeju National Univ., Korea)

International Journal Co-Chairs:

Byung Seo Kim (Hongik Univ., Korea)

International Cooperation Co-Chairs:

Ooi Shih Yin (Multimedia Univ., Malaysia)

Muhammad Usman Akram (NUST, Pakistan)

Wai Kong Lee (Univ. Tunku Abdul Rahman, Malaysia)

Publication Co-Chairs:

Soyoung Rho (Wolsong Books Co., Korea)

Kiyoung Lee (Incheon Univ., Korea)

Finance & EDAS Chair:

Jinhong Kim (Paichai Univ., Korea)

Promotion Co-Chairs:

Sang-ug Kang (Sangmyung Univ., Korea)

Hoo-Jin Lee (Hansung Univ., Korea)

Industrial Cooperation Co-Chairs:

Sungchul Yu (LG Hitachi Ltd., Korea)

Sejong Kim (SJ Telecom, Korea)

Chibong Song (Wavers Co., Korea)

Bongsang Suh (All4land, Korea)

Workshop Co-Chairs:

Wootack Woo (KAIST, Korea)

Sungwook Park (GangneungWonju Nat. Univ., Korea)

Technical Program Committee Co-Chairs:

Young-Hoon Park (Sookmyung Women's Univ., Korea)

Eunsung Jung (Hongik Univ., Korea)

Technical Program Committee Members:

Hyeonsang Eom (Seoul National Univ., Korea)

Jungwoo Ryoo (Penn State Univ., USA)

Chin Ji Jian (Multimedia Univ., Malaysia)

Moon S. Lee (Univ. of Luxembourg, Luxembourg)

Taekyoung Kwon (Yonsei Univ., Korea)

Rajkumar Kettimuthu (Argonne National Lab., USA)

Noel Tay Nuo Wi (Tokyo Metropolitan Univ., Japan)

Seung-Hun Jin (ETRI, Korea)

Tekin Bicer (Argonne National Lab., USA)

Tom Oh (Rochester Institute of Technology, USA)

Le Sun (Nanjing Univ. of Info. Science & Technology, China)

Sarhan Musa (Prairie View A&M Univ., USA)

Shivani Sud (Intel, USA)

Tan Tran Duc (Vietnam National Univ., Vietnam)

Sweety Chauhan (Microsoft, USA)

Wathiq Mansoor (Univ. of Dubai, UAE)

Young B. Choi (Regent Univ., USA)

Tan Syh Yuan (Multimedia Univ., Malaysia)

Byeungwoo Jeon (SungKyunKwan Univ., Korea)

Sansanee Auephanwiriyaikul (Chiang Mai Univ., Thailand)

Eun Sung Jung (Hongik Univ., Korea)

Tingjun Xie (Univ. of Virginia, USA)

Tudor Palade (Technical Univ. of Cluj-Napoca, Romania)

Pang Ying Han (Multimedia Univ., Malaysia)

Hyung-Woo Lee (Hanshin Univ., Korea)

Technical Program Committee Members:

Wonsoo Kim (Texas Instruments, USA)

Claudia Linnhoff-Popien (Institut für Informatik, Germany)

Goh Hock Guan (Universiti Tunku Abdul Rahman, Malaysia)

Lim Kian Ming (Multimedia Univ., Malaysia)

Pham Viet Hung (Vietnam Maritime Univ., Vietnam)

Nalini Iyer (KLE Technological Univ., India)

Renny Badra (Universidad Simón Bolívar, Caracas, Venezuela)

Geong Sen Poh (MIMOS Berhad, Malaysia)

Jianping He (Penn State Univ., USA)

Junbeom Hur (Korea Univ., Korea)

Tee Connie (Multimedia Univ., Malaysia)

Thumrongrat Amornraksa (KMUTT, Thailand)

Hoang Van Xiem (Vietnam National Univ., Vietnam)

Lee Chin Poo (Multimedia Univ., Malaysia)

Vineet Kumar (CG Power and Industrial Solutions, India)

Chom Kimpan (Panyapiwat Institute of Management, Thailand)

Michele Fiorini (The IET Council Chairman, Italy)

Roy Chang (Multimedia Univ., Malaysia)

Seon Wook Kim (Korea Univ., Korea)

Jayabalan Sudharsan (MRIET, India.)

Bok-Min Goi (Universiti Tunku Abdul Rahman, Malaysia)

Muazzam Khattak (NUST, Pakistan)

Junseok Lee (ETRI, Korea)

Thai Son Nguyen (Tra Vinh Univ., Vietnam)

Anil Dubey (Poornima Institute of Eng. & Technology, India)

Renny Badra (Universidad Simon Bolivar, Venezuela)

Goh Kah Ong Michael (Multimedia Univ., Malaysia)

Cheol-Min Park (NIMS, Korea)

Rashid Mehmood (King Abdul Aziz Univ., Saudi Arabia)

Tammam Tillo (Libera Univ. of Bozen-Bolzano, Italy)

Piotrowski Zbigniew (Military Univ. of Technology, Poland)

Bui Huu Phu (HCMUTE, Vietnam)

Bok-Min Goi (Universiti Tunku Abdul Rahman, Malaysia)

Gnana Swathika (Vellore Institute of Technology, India)

Tho Quan (HCMUT, Vietnam)

Md Shohel Sayeed (Multimedia Univ., Malaysia)

Ali Reza Masoum (Urmia Univ. of Technology, Iran)

Quoc Huy Nguyen (Saigon Univ., Vietnam)

Justinian Anatory (Univ. of Dodoma, Tanzania)

Afizan Azman (Multimedia Univ., Malaysia)

Woomin Hwang (NSRI, Korea)

Ong Thian Song (Multimedia Univ., Malaysia)

Gilbert M. Tumibay (AUF, Philippines)

Shing Chiang Tan (Multimedia Univ., Malaysia)

Navneet Agrawal (MPUAT, India)

Derya Yiltas (Istanbul Univ., Turkey)

Yap Wun She (Universiti Tunku Abdul Rahman, Malaysia)

Myung-Sup Kim (Korea Univ., Korea)

Dayu Kao (Central Police Univ., Taiwan)

Jiwa Abdullah (Universiti Tun Hussein Onn, Malaysia)

Stenio Fernandes (Federal Univ. of Pernambuco, Brazil)

Parinya Sanguansat (Panyapiwat Institute of Management, Thailand)

Jiwa Abdullah (Univ. Tun Hussein Onn Malaysia, Malaysia)

Taehwa Han (Yonsei Univ. Health System, Korea)

Jaeseok Kim (Yonsei Univ., Korea)

Jun Yan (Nanjing Univ. of Posts and Tele., China)

Yong-Gyu Jung (Eulji Univ., Korea)

Chiung Ching Ho (Multimedia Univ., Malaysia)

Derya Yiltas-Kaplan (Istanbul Univ., Turkey)

Shahid Butt (NUST, Pakistan)

Gnana Vathanam (VIT Univ. Chennai Campus, India)

Ronnel Atole (Partido State Univ., Philippines)

Byung Seo Kim (Hongik Univ., Korea)

Wai-Kong Lee (Universiti Tunku Abdul Rahman, Malaysia)

Muhammad Usman Akram (NUST, Pakistan)

Yan-Ming Cheng (Beihua Univ., China)

Jang-Geun Ki (Kongju National Univ., Korea)

Technical Program Committee Members:

Ivan Ku (Multimedia Univ., Malaysia)

Kyung-Rak Sohn (Korea Maritime and Ocean Univ., Korea)

Hong Min (Hoseo Univ., Korea)

Ji-Jian Chin (Multimedia Univ., Malaysia)

Dongseop Lee (EzInno Lab Co. Ltd., Korea)

Shing-Chiang Tan (Multimedia Univ., Malaysia)

Jiyoung King (Dankook Univ. Korea)

SangYep Nam (Kookje Univ., Korea)

Jong-Yun Kim (Kyungdong Univ., Korea)