

October 28-31, 2023

Tokyo, Japan

International Steering Committee

Puttisak Puttawibul, Thailand Chuchart Pintavirooj, Thailand Somkiat Wattanasirichaigoon, Thailand Wibool Piyawattanametha, Thailand Kosin Chanongthai, Thailand Kazuhiko Hamamoto, Japan

Shinichiro Kanoh, Japan

Kohji Masuda, Japan Keiji Iramina, Japan

Manfred Glesner, Germany

Michael Khoo, USA

Sunu Wibirama, Indonesia

Viet Dung Nguyen, Vietnam

Organizing Committee

Honorary Chair

Somkiat Wattanasirichaigoon, SrinakharinTharawirot University

General Chair

Tohru Yagi,

Tokyo Institute of Technology

General Co-Chair

Kazuhiko Hamamoto,

Tokai University

Technical Program Chair

Supan Tungjtkusolmun,

King Mongkut's Institute of Technology, Ladkrabang

Chuchart Pintavirooj,

King Mongkut's Institute of Technology, Ladkrabang Chanchai Thaijiam, Srinakarin Tharaviroj University

Supaporn Kiatsin, Mahidol University

Kohzoh Yoshino, Kwansei Gakuin University

Publications Chair

Adisorn Leelasantitham, Mahidol University

Publicity Chair

Kohji Masuda,

Tokyo University of Agriculture and Technology

Finance Chair

Sarinporn Visitsattapongse,

King Mongkut's Institute of Technology, Ladkrabang

Local Arrangement Chairs

Hiroki Kurashige,

Tokai Univerisity

General Secretary

Tohru Yagi,

Tokyo Institute of Technology

Organized by





The 15th Biomedical Engineering International Conference (BMEiCON2023) is intended to provide an international forum where researchers, practitioners, and professionals interested in the advances in, and applications of, biomedical engineering can exchange the latest research, results, and ideas in these areas through presentation and discussion. All accepted papers are expected to be included in IEEE Xplore and indexed by EI.

The BMEiCON2023 will be held in Tokyo, Japan on October 28-31, 2023. Tokyo is the capital city of Japan and one of the largest metropolitan areas in the world. It is located on the eastern coast of the island of Honshu and has a population of over 13 million people. Tokyo is known for its bustling streets, modern architecture, advanced technology, and rich culture.

The organizing committee is pleased to invite all researchers, engineers, physicians, scientists, technicians, and technologists to attend and help shaping the future of biomedical engineering. The topics for regular sessions include, but are not limited to, the followings:

- ► Biomedical signal processing
- ▶ Biomedical imaging and image processing
- ► Bioinstrumentation
- ► Bio-robotics and biomechanics
- ► Biosensors and biomaterials
- ► Cardiovascular and respiratory systems engineering
- ► Cellular and tissue engineering
- ► Healthcare information systems

- ► Human machine/computer interface
- ► Medical device design
- ► Neural and rehabilitation engineering
- ► Technology commercialization, industry, education, and society
- ▶ Telemedicine
- ► Therapeutic and diagnostics systems
- ► Recent advancements in biomedical engineering

Submission of Papers

Prospective authors are invited to submit full-length papers including figures, tables, and references via our website at www.bmeicon.org/bmeicon2023. All papers will be peer reviewed and handled electronically. All papers submitted must be previously unpublished and may not be considered for publication elsewhere at any time during the review period. Any accepted paper included in the final program is expected to have at least one author or qualified proxy attend and present the paper at the conference. For additional information and submission guidelines, please visit our website at www.bmeicon.org/bmeicon2023.

Important Dates

► Regular paper submission deadline:

► Notification of regular paper acceptance: August 30, 2023

► Camera-ready submission:

► Early-bird registration:

► Late registration:

► Conference date:

Contacts

July 31, 2023

September 15, 2023 September 20, 2023

After September 20, 2023

October 28-31, 2023

Technical Sponsors





Supported **Organizations**





► Chuchart Pintavirooj, KMITL, Thailand E-mail: chuchart.pi@kmitl.ac.th