

The 6th International Symposium on Biomedical Engineering

Sponsored by Ministry of Education, Culture, Sports, Science and Technology (MEXT)

December 2-3, 2021

Web Conference

ウェブ開催

The Research Center of Biomedical Engineering (RCBE) was established in April, 2016, by support of the Ministry of Education, Culture, Sports, Science and Technology (MEXT). The International Symposium on Biomedical Engineering (ISBE) is organized as a part of the activities in the RCBE. Through the collaborative research in the interdisciplinary field between medicine and engineering, we discuss the global issues on future medicine and healthcare, and develop innovative technologies to realize a healthy aging society.

Organizers:

- Institute of Biomaterials and Bioengineering, Tokyo Medical and Dental University
- Laboratory for Future Interdisciplinary Research of Science and Technology, Tokyo Institute of Technology
- Research Institute for Nanodevice and Bio Systems, Hiroshima University
- Research Institute of Electronics, Shizuoka University

主催：東京医科歯科大学 生体材料工学研究所
東京工業大学 未来産業技術研究所
広島大学 ナノデバイス・バイオ融合科学研究所
静岡大学 電子工学研究所
共催：静岡大学

Invited Speakers

Collaboration Speakers

Development of Olfactory Sensor Systems

Genki Yoshikawa, National Institute for Materials Science, Japan

Bioactive bone substitute materials involving conversion into bone-like tissues

Osamu Suzuki, Tohoku University, Japan

Si Nanotechnologies and electronic sensing of biological viruses for global disease control

Hiroshi Watanabe, Che-An Lee, National Yang Ming Chiao Tung University, Taiwan

New implementations of optical imaging techniques to extract novel physiologic details from skin

Rolf B Saager, Linköping University, Sweden

Design of Strong Interfaces with Biomaterials by Use of Materials Informatics Based on Molecular Simulation

Tomio Iwasaki, Hitachi Ltd.

mmW/THz applications for healthcare

Sangyeop Lee, Tokyo Institute of Technology

Automated Detection System to Assess the Sweating Abnormalities and Coarseness of the Skin; Improvements, Innovations and Clinical Applications in Dermatology

Yumi Aoyama, Kawasaki Medical School

Fabrication and imaging using electromagnetic radiation beams

Junko Morikawa, Tokyo Institute of Technology

Registration deadline for video presentation: Oct. 1, 2021
Submission deadline for abstract: Oct. 1, 2021
Submission deadline for 5-min video: Nov. 5, 2021
Registration deadline for participation: Nov. 19, 2021
Online registration is mandatory.

Registration Fee: Free

Contact:

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動画発表申込締切	2021年 10月 1日 (金)
予稿提出締切	2021年 10月 1日 (金)
講演ビデオ(5分)提出〆切	2021年 11月 5日 (金)
参加申込締切	2021年 11月19日 (金)

シンポジウム参加費: 無料

お問い合わせ先:

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Web Site: <https://www.rie.shizuoka.ac.jp/~conference/isbe2021/>

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Program

Each session includes an invited talk, a collaboration talk and a young researcher's talk.

December 2 (12月2日)

- 10:00~10:20 Opening Remarks
- 10:20~11:50 Session A
- 11:50~13:00 Lunch Break
- 13:00~14:30 Session B
- 14:30~14:50 Break
- 14:50~16:50 Video Presentation & QA 1

December 3 (12月3日)

- 10:00~12:00 Video Presentation & QA 2
- 12:05~13:00 Lunch Break
- 13:00~14:30 Session C
- 14:30~14:50 Break
- 14:50~16:20 Session D
- 16:20~16:50 Award Ceremony & Closing Remarks

Organizing Committee:

Hiroyuki Kagechika, Tokyo Medical and Dental University
Yoshikazu Nakajima, Tokyo Medical and Dental University
Naoto Ohtake, Tokyo Institute of Technology
Kentaro Nakamura, Tokyo Institute of Technology
Akinobu Teramoto, Hiroshima University
Hidenori Mimura, Shizuoka University
Koji Mori, Shizuoka University

Technical Program Committee:

Hiroyuki Kagechika, Tokyo Medical and Dental University
Yuji Miyahara, Tokyo Medical and Dental University
Kohji Mitsubayashi, Tokyo Medical and Dental University
Yoshikazu Nakajima, Tokyo Medical and Dental University
Akihiro Miyauchi, Tokyo Medical and Dental University
Naoto Ohtake, Tokyo Institute of Technology
Kentaro Nakamura, Tokyo Institute of Technology
Akinobu Teramoto, Hiroshima University
Hidenori Mimura, Shizuoka University
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Keiichiro Kagawa, Shizuoka University
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Tomoaki Masuzawa, Shizuoka University
Shin Usuki, Shizuoka University