

The 3rd International Symposium on Biomedical Engineering

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

November 8-9, 2018

Invited Speakers

Doron Shabat, Tel-Aviv University, Israel

"The Emergence of Aqueous Chemiluminescence: New Promising Class of Phenoxo 1,2-Dioxetanes"

Nora Dempsey, Institut Néel, France

"Magnetic Micro-Structures for Biomedical Engineering and Life Science Applications"

Declan O'Loughlin, National University of Ireland, Galway

"Translational Medical Device Research"

Michael J. Schoening, Aachen University of Applied Sciences, Jülich, Germany

"Field-Effect Biosensing - Selected Examples"

Academic-Industrial Collaboration Session

Sadato Hongo, TOSHIBA CORPORATION

"A New Approach to Virus Detection Using Nanopore Technologies"

Tomonori Tsukiya, National Cerebral and Cardiovascular Center Research Institute

"Development and Preclinical Evaluation of Ventricular Assist Devices - Strategies for Regulatory Approval -"

Toshifumi Imamura, A-R-Tec Corporation

"CMOS Single Chip LSI for Breast Cancer Detection"

Yasushi Nakano, KONICA MINOLTA, INC.

"Quantitative Diagnostic Imaging of Cancer Tissues by Using Phosphor Integrated Dots(PID) with Ultra-High Brightness"

お申し込み・お問い合わせ先

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Venue: Satake Memorial Hall, Hiroshima University
(Higashihiroshima Campus, Hiroshima, Japan)

Access: JR Sanyo Main Line Saijo station, Bus 15 min

広島大学 東広島キャンパス

サタケメモリアルホール (JR山陽本線西条駅バス15分)

"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 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 Technologies
- Research Institute for Nanodevice and Biosystems, 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

併催：広島大学ナノデバイス・バイオ融合科学研究所

共催：広島大学

後援：広島大学大学院先端物質科学研究科

広島大学 産学・地域連携センター

Submission deadline for poster presentation: Sept. 25, 2018

The abstract submission is required for poster presentation.

Registration deadline: Oct. 25, 2018

Registration is free. Pre-registration is preferable.

ポスター発表申込締切

2018年 9月25日 (火)

参加申込締切

2018年10月25日 (木)

Networking fee:

JPY5,000 for regular participants, and JPY2,000 for students.
The networking fee should be paid on site at the registration desk. Registration for the networking is required.

懇談会参加費：5,000円 (学生 2,000円)



Web Site: <http://www.RNBS.hiroshima-u.ac.jp/ISBE2018/>

The 3rd International Symposium on Biomedical Engineering

Program

November 8 (11月8日)

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| 13:00~13:10 | Opening Remarks |
| 13:10~13:20 | Introduction of Research Center for Biomedical Engineering |
| 13:20~14:45 | Session A |
| 14:45~16:15 | Poster Session 1 & Coffee Break |
| 16:25~18:05 | Academic-Industrial Collaboration Session |
| 18:15~20:00 | Networking |

November 9 (11月9日)

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| 10:00~11:25 | Session B |
| 11:25~13:15 | Poster Session 2 & Lunch |
| 13:25~14:50 | Session C |
| 14:50~15:10 | Coffee Break |
| 15:10~16:35 | Session D |
| 16:35~16:50 | Closing Remarks (Award Ceremony) |

Organizing Committee:

Yuji Miyahara, Tokyo Medical and Dental University
 Kohji Mitsubayashi, Tokyo Medical and Dental University
 Kenji Kawashima, Tokyo Medical and Dental University
 Takeshi Hatsuzawa, Tokyo Institute of Technology
 Hideki Hosoda, Tokyo Institute of Technology
 Shin Yokoyama, Hiroshima University
 Takamaro Kikkawa, Hiroshima University
 Hidenori Mimura, Shizuoka University
 Koji Mori, Shizuoka University

Technical Program Committee:

Yuji Miyahara, Tokyo Medical and Dental University
 Kohji Mitsubayashi, Tokyo Medical and Dental University
 Kenji Kawashima, Tokyo Medical and Dental University
 Takeshi Hatsuzawa, Tokyo Institute of Technology
 Hideki Hosoda, Tokyo Institute of Technology
 Shin Yokoyama, Hiroshima University
 Hidenori Mimura, Shizuoka University
 Koji Mori, Shizuoka University
 Takamaro Kikkawa, Hiroshima University
 Masakazu Iwasaka, Hiroshima University
 Anri Nakajima, Hiroshima University
 Tetsushi Koide, Hiroshima University
 Shin-ichiro Kuroki, Hiroshima University
 Tetsuo Tabei, Hiroshima University
 Yoshiteru Amemiya, Hiroshima University
 Tomomi Ishikawa, Hiroshima University

