

“International Symposium on Biomedical Engineering”

2016.11.10 (Thu) 13 : 00~17 : 00

Akio Suzuki Memorial Hall (M & D Tower 2F)

- 13:00-13:10** **Opening Remarks** Yasuyuki Yoshizawa, President, Tokyo Medical and Dental University
- 13:10-13:30** Introduction of Research Center for Biomedical Engineering:
Yuji Miyahara, IBB, Tokyo Medical and Dental University
- Session I-1: Biosensing**
- 13:30-14:10** Carlotta Guiducci, Institute of Bioengineering, EPFL, SH “Novel lab-on-chip technologies for high-throughput bioanalytics”
- 14:10-14:30** Yoshimasa Kawata, Shizuoka University “High resolution bioimaging with electron beam excitation”
- 14:30-14:50** Takahiro Arakawa, IBB, Tokyo Medical and Dental University
“Mouthguard and soft contact lens biosensors for non-invasive cavitas-monitoring”
- 14:50-15:10** **Coffee Break and Poster Viewing**
- Session II-1: Diagnosis and Treatment**
- 15:10-15:50** David Sampson, the University of Western Australia, AU “Parametric extensions of optical coherence tomography support enhanced contrast in dense scattering tissues”
- 15:50-16:10** Kentaro Nakamura, Tokyo Institute of Technology “Non-contact manipulation of fluid/soft-materials through ultrasonic radiation force”
- 16:10-16:50** Bruce J. Tromberg, the University of California, Irvine, USA
“Biophotonics and the future of personal healthcare”