

Report on the ISE sponsored EBS2017

First European Biosensor Symposium (1st EBS) coorganized with 10th German Biosensor Symposium (10th DBS) in Potsdam, Germany

The First European Biosensor Symposium (EBS2017), which was at the same time the 10th German Biosensor Symposium (DBS2017) was held in Potsdam, Germany, at the campus Griebnitzsee of the University of Potsdam from March 20 to 23, 2017.

Details of the meeting and also a group photo can be found on the website:

<http://www.ebs2017.com/EBS2017>

During the three days meeting about 250 participants from 25 countries presented and discussed various topics of biosensor research and technology. Almost 100 participants were students and many of them had a chance to give oral contributions and display posters. The symposium was also well recognized by industry and SMEs; the 17 exhibitors fully used the available space for exhibition.

Due to the many applications for orals the EBS2017 program was run in two parallel sessions. Every day started with an invited plenary talk for the large audience and continued in parallel sessions where invited keynote speakers introduced special advanced aspects of biosensor research and technology and showed the directions of current trends followed by oral contributions. About 100 posters were on display throughout the entire meeting and discussed in two extended special poster sessions.

The four plenary talks and the invited evening talk represented important aspects of modern biosensor research: Jürgen Popp (D)- Biophotonics and Biomedical spectroscopy; Philip N. Bartlett (UK) - DNA detection and discrimination using electrochemical SERS; Hubert Girault (CH) - Bio-SECM of cells and tissues; Karsten Haupt (F)- Synthetic antibody mimics and nanomaterials for biosensing ; Wolfgang Schuhmann (D) - From reagentless biosensors to biofuel cells and photobiovoltaics. Before one of the plenary talks Ulla Wollenberger briefly presented the Society and acknowledged the financial support. The key topics: Technologies for biosensors, technologies for innovative formats, bioengineered and biomimetic recognition elements, nanotechnology, surface engineering and bioelectronics, sensors with cells, for cell research and single cell based diagnostics, advances in applications, and theory and mathematics, were introduced by 16 keynote speakers: Janina Kneipp, Berlin, Petr Skládal, Brno, Stephan S. Keller, Lyngby , Thomas Bocklitz, Jena, Simona Scarano, Florence, Rudolf J. Schneider, Berlin, Karolien De Wael, Antwerp, Patrick Wagner, Leuven, Lo Gorton, Lund, Gerd-Uwe Flechsig, Albany, Andreas Lesch, Valais, Adrian Ruff, Bochum, Aysu Yarman, Istanbul, Richard Schasfoort, Twente, Marcus Menger, Potsdam, Alan Le Goff, Grenoble.

Since we received support of the exhibitors and sponsors including the generous support by ISE divisions 1 and 2, and BES the conference fee was kept low and included free refreshments, snacks, lunch, a guided tour to one of the most visited attractions in Potsdam (Sanssouci palace) and the conference dinner. Furthermore three poster prizes were awarded. The next conference will be in Florence in 2018.

We thank ISE Divisions 1 and 2 for the generous support

Ulla Wollenberger