

27 January 2023

**Report from the 10th International Workshop
on Surface Modification for Chemical and Biochemical Sensing, SMCBS'2021**

The anniversary 10th International Workshop on Surface Modification for Chemical and Biochemical Sensing (SMCBS2021) was organized jointly by the Institute of Physical Chemistry, Polish Academy of Science, Warsaw (Poland), and the Faculty of Mathematics and Natural Sciences, School of Sciences, Cardinal Stefan Wyszyński University in Warsaw (Poland). Because of the ongoing COVID-19 pandemic, the present Workshop hosted all the participants online. SMCBS2021 was held on 5 through 9 November 2021.

The Workshop welcomed many contributions of young scientists as well as top specialists in their fields. The 5 days long Workshop program included 8 tutorials, 29 keynotes, 21 short communication lectures, and 22 posters.

The topmost scientists in their fields delivered tutorial lectures. Prof. P. N. Bartlett shared his opinion on the immobilization of enzymes on electrode surfaces. Prof. J. Butt described modular assembly of photosensitized biomolecular nanowires in her talk. Prof. G. Blanchard explained the induced organization and dynamics in room-temperature ionic liquids. Prof. M. Opallo highlighted the recent progress in research on charge transfer reactions at liquid-liquid interfaces. Prof. K. Haupt presented exciting applications of synthetic antibody mimics nanogels for diagnostics and therapy. Prof. A. Karyakin described nanozymes applications for electrocatalysis. Prof. P. Kulesza provided an overview of electrocatalytic reactions in fuel cell research. The last tutorial lecture was given by Prof. F. D'Souza, at which he focused on the charge transfer and sensing application of surface-functionalized 2D transition metal dichalcogenides.

The Workshop abounded in a variety of subjects, which we would like to list here in the order of quantity of presentations given involving biomimetic surfaces, surface modification, surface examination, bio/chemosensing, biocatalysis, nanozymes, porous polymers, electrocatalysis, molecular recognition, optical sensing, and fundamental electrochemistry.

Four prizes were awarded in the Best Poster Contest, namely, the Audience Award to Zhongkai Li and awards of the International Scientific Advisory Board of the Workshop to Margherita Verrucchi, Rimsha Binte Jamal, and Jakub Kalecki.

The Workshop provided a platform for experienced international scientists and young researchers to share and exchange their views. Because of great Workshop success, the International Scientific Advisory Board and the Organizing Committee decided to organize the 11th edition of the SMCBS Workshop in November 2023.

Włodzimierz Kutner and Piyush Sindhu Sharma
Warsaw
Workshop Chairmen