

Editorial

Preface: The 2nd International Electronic Conference on Chemical Sensors and Analytical Chemistry [†]

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1. Introduction

This conference volume presents the proceedings of the 2nd International Electronic Conference on Chemical Sensors and Analytical Chemistry held on 16–30 September 2023. The scope of this online conference was to gather well-known worldwide experts currently working in chemical sensor technologies and to provide an online forum for the presentation and discussion of new results. Throughout this event, the following topics of interest are included: electrochemical devices and sensors; optical sensors; mass-sensitive sensors; materials for chemical sensing; nano- and micro-technologies for sensing; chemical assay and validation; chemical sensor applications; analytical methods; gas sensors and apparatus; electronic noses and tongues; microfluidic devices and medico-diagnostic testing.

2. Event Chairs

Prof. Dr. Nicole Jaffrezic-Renault, Institute of Analytical Sciences, University of Lyon, France

Dr. Igor Medintz, US Naval Research Laboratory, USA

Prof. Dr. Huangxian Ju, Nanjing University, China

3. Session Chairs

S1. Electrochemical Devices and Sensors

Prof. Dr. Nicole Jaffrezic-Renault, Institute of Analytical Sciences, University of Lyon, France

S2. Optical Chemical Sensors

Prof. Dr. Francesco Dell'Olio, Department of Electrical and Information Engineering, Polytechnic University of Bari, Italy

S3. Materials for Chemical Sensing

Dr. Marco Frasconi, Department of Chemical Sciences, University of Padova, Italy

S4. Applied Chemical Sensors

Dr. Jose V. Ros-Lis, REDOLi group, Inorganic Chemistry Department, University of Valencia, Spain

S5. Analytical Methods, Instrumentation and Miniaturization

Prof. Dr. Jinming Lin, Department of Chemistry, Beijing Key Laboratory of Microanalytical Methods and Instrumentation, Tsinghua University, China

S6. Nanostructures for Chemical Sensing

Prof. Dr. Elisabetta Comini, Sensor Lab, Department of Information Engineering, University of Brescia and CNR INO, Italy



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S7. (Bio)chemical Sensing

Prof. Dr. Camelia Bala, Department of Analytical Chemistry, Director Doctoral School of Chemistry, University of Bucharest, Romania

4. Invited Speakers

1. Prof. Dr. Young-Tae Chang, Department of Chemistry, POSTECH, Republic of Korea
2. Prof. Dr. Chung-Wei Kung, Department of Chemical Engineering, National Cheng Kung University (NCKU), Taiwan
3. Dr. Alain Walcarius, Laboratory of Physical Chemistry and Microbiology for the Materials and the Environment, CNRS—Université de Lorraine, France
4. Dr. Samo B. Hočevár, Department of Analytical Chemistry, National Institute of Chemistry, Slovenia
5. Prof. Dr. Ling Zang, Department of Materials Science and Engineering, Nano Institute of Utah, University of Utah, USA
6. Prof. Dr. Xueji Zhang, Shenzhen Key Laboratory for Nano-Biosensing Technology, School of Biomedical Engineering, International Health Science Innovation Center, Research Center for Biosensor and Nanotheranostic, Health Science Center, Shenzhen University, China
7. Professor Neso Sojic, Institut des Sciences Moléculaires—UMR 5255 CNRS, Université de Bordeaux, France
8. Prof. Dr. Corrado Di Natale, Department of Electronic Engineering, University of Roma Tor Vergata, Italy

5. Sponsors

A big thank you goes out to all the organizers and media partners of the CSAC 2023 conference (Figure 1).

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Figure 1. Logos of the sponsors and the partners.

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