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Dedicated to Professor Giorgio Sberveglieri on the Occasion of His 75th Birthday for His Outstanding Contributions to the Field of Chemical Sensors

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Message from the Guest Editors

Professor Sberveglieri is a leading scholar in applied physics and the development of functional materials and their applications. He started his career in the 1970s working in the field of thin film solar cells, afterwards moving to the field of gas sensors. He first focused on the development of thin film techniques and then on nanowire technology to develop functional metal oxide layers. His activity addressed both the study of synthesis techniques to control and optimize material structures at the micro and nanoscale in order to optimize the receptor and transducer functions of sensors. He also focused on the exploitation of these devices and electronic nose systems in different applicative fields, including environmental monitoring, medicine, food quality, safety and security.

We expect this Special Issue to be a much needed celebration of the contribution of Prof. Sberveglieri to the fields of materials and sensors, and we hope that the contributions to this Special Issue will inspire young researchers and scholars to continue innovations in the field of novel sensors.



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Special Issue



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Message from the Editor-in-Chief

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