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Editorial

New Editor-in-Chief of *Sensors*

Michael J. Schöning

University of Applied Sciences Aachen (Div. Juelich), Laboratory for Chemical Sensors and Biosensors, Ginsterweg 1, 52428 Juelich, and Research Centre Juelich, Institute of Thin Films and Interfaces, D-52425 Juelich, Germany. Phone: ++49-2461-993215, Fax: ++49-2461-993235
E-mail: m.j.schoening@fz-juelich.de, http://www.messtechnik.fh-aachen.de/

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Michael J. Schöning

I would like to introduce myself as the new Editor-in-Chief of *Sensors*: Born in Bruchsal, Germany, I received my diploma in electrical engineering in 1989 and my doctoral degree (Ph.D.) in 1993, both from the Technical University (TH) Karlsruhe. In 1989, I joined the Institute of Radiochemistry and Instrumental Analysis at the Research Centre Karlsruhe, Germany. Since 1993 I have been with the Institute of Thin Films and Interfaces at the Research Centre Juelich, and since 1999 in addition a Full Professor for Applied Physics at the University of Applied Sciences Aachen, Division Juelich, Germany.

During my scientific career, I have authored more than 150 research papers and book articles and about 30 patents. Since 1993, more than 50 Ph.D. candidates, diploma and master students have studied under my supervision. My research subjects concern silicon-based chemical and biological

sensors, thin film techniques, solid-state physics, semiconductor devices and microsystem and nano-technology. For more details feel free to visit http://www.messtechnik.fh-aachen.de/forschung.htm.

Over the last years, we have seen many changes in developing sensors and sensor-related devices, among them a steady advance towards miniaturized sensors and sensor systems (or arrays). Therefore, as the new Editor-in-Chief, I will try to keep the focus of *Sensors* on the subsequent topics that have been restructured with regard to current research topics:

- Electrochemical sensors / Biosensors,
- Electrical and thermal-based sensors,
- Mass-sensitive and fiber-optic sensors,
- Gas sensors,
- Sensor applications for food industry, medicine, pharmacy, environmental monitoring, corrosion, etc.,
- Sensor devices and sensor arrays / Nano sensors,
- Analytical methods, modeling, readout and software for sensors,
- Sensor technology and new sensor principles.

With regard to policy, in my view *Sensors* should be a venue in which scientists from different disciplines – spanning physics, chemistry, biology, informatics and engineering – are encouraged to publish their latest results on “interdisciplinary” sensor science. Due to the utilization of Internet, the publishing process will be enhanced to a greater extent by both the direct submission of the manuscript and the Web-based peer-review system.

Finally, the *Sensors* journal cannot function without a strong and committed editorial board. Therefore, over the next few months, together with the Publisher, I will assemble a distinguished group of scholars to help us guiding *Sensors* over the next three years. As a novice editor, I welcome all suggestions and advice as well as recommendation, ideas and criticism, in order to make the journal thrive. Please feel free to contact me and help to improve *Sensors*.