

# **18th International Conference on Sensors and Measurement Technology 2013**

**(SENSOR 2013)**

**AMA Conference held at SENSOR+TEST 2013**

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## Welcome to the 2013 SENSOR Conference in Nuremberg

On behalf of our colleagues of the Programme Committee and the organiser, AMA Service GmbH, we'd like to cordially invite you to the 2013 SENSOR Conference. Once again, the conference will be held at Nuremberg Exhibition Centre in conjunction with SENSOR+TEST 2013: the 19th International Trade Fair for Sensor and Measuring Technologies. Welcome to Nuremberg, the second largest city in Bavaria, famous for a long tradition of extraordinary science and inventions in various fields of technology.

The 2013 SENSOR Conference is dedicated to novel technologies in the field of sensors, actuators, test and measurement. Oral and poster sessions on the latest research results in sensor technology and related subjects will be held. The interesting topics include gas-, chemical- and biosensors, optical sensors, as well as microacoustic sensors. Furthermore, there will be structured sessions covering wireless sensors, autonomous sensor networks, flow measurement, acoustic wave sensors, medical- and bio-sensors, sensor fabrication technologies or, calibration and maintenance.

During the recent two decades, the Nuremberg SENSOR Conference has advanced to be a major part of the international conference scene in sensorics, with a still growing number of attendees. We will have up to 5 sessions in parallel each conference day.

Within the opening ceremony two plenary talks will be presented: "Cocktail parties and model-based hearing aids: how hearing technology gets us connected" by Prof. Birger Kollmeier, Awardee of 'Deutscher Zukunftspreis 2012', University Oldenburg and "Charged Particle Accelerators in Basic Science - Huge Machines for Tiny Objects -" by Prof. Thomas Weiland, TU Darmstadt. Each conference day will start with a plenary talk on emerging sensor topics, such as new technologies for medical sensors or, sensors for adaptronic applications. The plenary sessions will be accompanied by structured sessions on related topics.

Surely, the 2013 SENSOR Conference will again be an interesting and exciting forum for engineers and scientists working on development, research, and application of sensors and measuring. Traditionally, this conference is also establishing a close link between universities, research institutes and industry.

We are looking forward to an exciting and informative 2013 SENSOR Conference and hope to see you in Nuremberg.



Reinhard Lerch  
University Erlangen-Nuremberg  
Chairman of SENSOR Conference Committee



Roland Werthschützky  
Technical University Darmstadt



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