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# Euroensors XXIV

September 5 – 8, 2010

Linz, Austria

Organized by:

Johannes Kepler University Linz  
Austrian Center of Competence in Mechatronics

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JOHANNES KEPLER  
UNIVERSITY LINZ | JKU

# EUROSENSORS XXIV

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### Linz, Austria

#### Organizers:

Johannes Kepler University Linz  
Austrian Center of Competence in Mechatronics (ACCM)

#### General Conference Chair:

Prof. Bernhard Jakoby, Johannes Kepler University Linz, Austria

#### Technical Program Committee Chair:

Prof. Michiel J. Vellekoop, Vienna University of Technology, Austria

#### EUROSENSORS Conferences:

The EUROSENSORS series of conferences were established in 1987 representing the major European forum to cover the entire field of sensors, actuators, and microsystems. The Eurosensorg conferences provide an excellent opportunity to bring together European scientists and engineers from academia, research institutes and companies to present and discuss the latest results in the general field of solid-state sensors, actuators, micro- and nanosystems.

#### Content:

The EUROSENSORS XXIV conference invites contributions describing the latest scientific and technological research results in subjects including, but not restricted to:

1. Theory, modelling & design
2. Materials, technology, micro- and nanofabrication
3. Physical sensors and MEMS
4. Chemical sensors and biosensors
5. Actuators
6. Microfluidic & on-chip analysis devices and systems
7. Optical MEMS
8. Nanosensors and NEMS
9. Micro power generation
10. Interface and system issues, sensor networks
11. Packaging and assembly
12. Applications

#### Venue:

The conference is going to be held at the campus of the Johannes Kepler University in Linz. The university is particularly renowned for its strong engineering department and was the first to introduce a mechatronics curriculum at university level worldwide. The campus is nicely situated in the northern part of Linz bordering the picturesque region "Mühlviertel" and can be conveniently reached by public transport (tramway) from the city centre.

Linz itself (pop. ~200.000) is the capital of Upper Austria ("Oberösterreich"), a highly dynamic state with respect to technology and industry, tourism, and culture. Linz is the European Capital of Culture in 2009 and an attractive city featuring scenic surroundings. The latter include the Salzkammergut (~1h trip from Linz), which, with its numerous lakes and mountains, offers many leisure opportunities. Other major Austrian cities including Vienna and Salzburg can be conveniently reached by train.

#### Important dates:

Submission Deadline for 2-page abstract: **April 2, 2010**

Submission Deadline for 4-page extended paper: June, 2010 (t.b.d.)

#### Website:

For more information about the conference EUROSENSORS XXIV, Linz, travelling and accommodation, please visit: <http://www.eurosensorg2010.com/>

#### Abstract submission:

Contributed abstracts should address innovative ideas and present the latest scientific and technological results covering topics concerning the fields of sensors, actuators as well as micro- and nanosystems. Authors wishing to make contributions are kindly invited to submit a 2-page abstract, including figures and references. Guidelines and templates for the preparation of abstracts will be made available on the conference website in due time. Upon acceptance, the 2-page abstracts will be published in the Book of Abstracts. Furthermore, authors of accepted abstracts are requested to contribute a 4-page extended paper for the full conference proceedings on CD.

