

SCOPE AND CONTENT

The workshop covers scientific areas of materials, processing technology and devices. The organizing committee invites papers related to micro-machining, micromechanics and microsystems, including but not restricted to:

- Fabrication technologies and processes
- Materials
- Design and simulation tools
- Microcomponent packaging and solutions
- Device and process characterization
- Sensing and actuation applications
- Microfluidic components and systems
- System integration of MEMS, NEMS, RF MEMS and MOEMS
- BioMEMS
- Micro-Nano Integration

Abstract Submission Deadline:
June 15, 2012

Authors of selected papers will be invited to contribute to a special issue of Journal of Micromechanics and Microengineering, the world's leading journal for MEMS and micro-scale research.

Journal of Micromechanics
and Microengineering

COMMITTEES

LOCAL ORGANISING COMMITTEE
Department of Micromechanical Systems
IMN MacroNano®
Ilmenau University of Technology
P. O. Box 10 05 65
98684 Ilmenau, Germany

MME PROGRAM COMMITTEE 2012



Per Ohlckers
Vestfold University College,
Norway



Martin Hill
Cork Institute of Technology,
Ireland



Samuli Franssila
Aalto University,
Finland



Martin Hoffmann
Ilmenau University of Technology,
Germany

www.mme2012.org



September 9 - 12, 2012
Ilmenau, Germany

Photo: Kathrin Pöhler

MME
2012
Ilmenau

The 23rd Micromechanics and
Microsystems Europe Workshop

CHAIRMAN
Martin Hoffmann

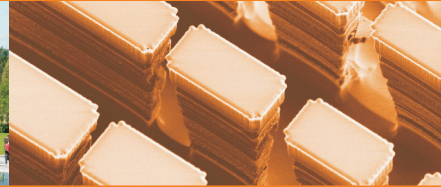
Phone: +49 3677 69-2487
martin.hoffmann@tu-ilmenau.de

CONFERENCE MANAGEMENT
Andrea Schneider

Phone: +49 3677 69-2520
info@mme2012.org



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**ILMENAU UNIVERSITY OF
TECHNOLOGY**



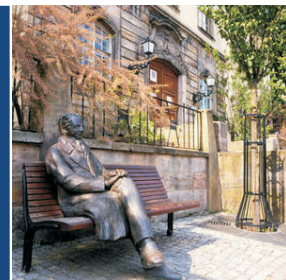
WELCOME TO ILMENAU

Ilmenau is a friendly town with about 30,000 inhabitants in the centre of Germany close to the Thuringian Forest. Goethe, a famous German poet, but also politician and scientist in the 18th century, and the glass manufacturing industry (e.g. precision thermometers) form the cityscape until today. Ilmenau is embedded in a beautiful landscape in about 500 to 860 m above sea level inviting to hiking and mountain biking in summer as well as skiing in winter.

Since 1894, Ilmenau is also a city of science: The Ilmenau University of Technology was founded as an engineering school in the 19th century and has about 6,900 students today with a strong focus on engineering. One of the main fields of research nowadays is micro- and nanotechnologies. Within the Institute of Micro- and Nanotechnologies MacroNano®, about 40 research groups cooperate in the fields of micromechanics and microsystems. The state-of-the-art research center ZMN provides appropriate infrastructure in a 700 m² clean room.

Goethe bilanzierte seine Erfahrungen mit der Stadt: „Ilmenau hat mir viel Zeit, Mühe und Geld gekostet, dafür habe ich aber auch etwas gelernt und mir eine Anschauung der Natur erworben, die ich um keinen Preis umtauschen möchte.“

Goethe reflected his experience with Ilmenau: „Ilmenau has cost me much time, trouble and money, but I learned something from it and have acquired a view of nature that I would not like to exchange for any price.“



INTENTION OF THE WORKSHOP

We would like to invite you to participate in the 23rd Micromechanics and Microsystems Europe Workshop, September 9 - 12, 2012 at the Ilmenau University of Technology.

The MME workshop is a well established and recognized European conference in the field of micromachining, microengineering and technology for the realization of (micro)sensors and actuators. Scientists and people from industry interested in the field gather at the MME workshop annually. The goals are stimulation and improvement of know-how in the field as well as the establishment of cooperation and friendship between all attendees. MME is arranged so that people can meet in a friendly and informal atmosphere.

To improve the communication between the attendees, a social event is scheduled on Monday that will introduce some local specialties as well as sights and allows for an intensive discussion.

On Wednesday we invite you to have a closer look into research at the IMN MacroNano® and to join a guided tour of the Center for Micro- and Nanotechnologies.

CONFERENCE INFORMATION

CONFERENCE BUILDING
Humboldt Building



Gustav-Kirchhoff-Platz 1
98693 Ilmenau, Germany

CONFERENCE HOTEL
Hotel Tanne



Lindenstraße 38
98693 Ilmenau, Germany

www.hotel-tanne-thueringen.de
info@hotel-tanne-thueringen.de
Phone: +49 3677 6590
Fax: +49 3677 659503