



# ISMTII 2013

Metrology – Master Global Challenges

July 1st - July 5th, 2013  
RWTH, Aachen, Germany



# Call for Papers

# ISMTII 2013

The 11th International Symposium on Measurement Technology and Intelligent Instruments



## Venue

The 11th ISMTII will take place in Aachen, Germany from **July 1st until July 5th, 2013**, hosted by RWTH Aachen University, Fraunhofer IPT and Physikalisch-Technische Bundesanstalt PTB.

We cordially invite you to participate in the upcoming event

- with a manuscript and a talk about your research
- by presenting your company and products at the accompanying exhibition

## Scientific Scope

The conference will address the role of metrology in technical solutions facing global challenges. The sessions will therefore focus on but are not limited to the following topics:

- micro and nano metrology  
e.g. for functional surfaces, nanostructures and surface textures
- macro metrology  
e.g. as reference systems and for the measurement of large gears
- in-process and inline metrology  
e.g. for the production of fiber-reinforced plastics components
- Intelligent instruments for automation  
e.g. self-optimizing systems and self-diagnostic systems
- Sensors and actuators  
e.g. for quality perception
- Management of measurement processes  
e.g. process planning, estimating measurement uncertainty, traceability, data and signal processing, modeling and simulation
- Calibration and machine tool performance  
e.g. for ultra-precision manufacturing and large volume manufacturing
- Optical metrology  
e.g. for semiconductor manufacturing and composites
- Material characterization  
e.g. hardness testing, computer tomography and ultrasound
- Education and training in metrology  
e.g. academic education, professional training and blended learning

The presentations will address applications in optical, medical, biotechnology, aerospace and production engineering industry

## Important Deadlines

**November 16th, 2012**

Submission of Abstracts

**April 1st, 2013**

Submission of manuscripts

## Contact

**Prof. Dr.-Ing. Robert Schmitt**, Conference Chair of ISMTII 2013, Managing Director of the Laboratory for Machine Tools and Production Engineering (WZL) at RWTH Aachen University, Senior head of department "Production quality and metrology" at Fraunhofer Institute for Production Technology

### Conference Office

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Fax: +49 241-8904-6357

E-Mail: [ismtii\\_2013@ipt.rwth-aachen.de](mailto:ismtii_2013@ipt.rwth-aachen.de)

More details about the event on: [www.ismtii2013.rwth-aachen.de](http://www.ismtii2013.rwth-aachen.de)



# Sponsoring & Industrial Exhibition

# ISMTII 2013

Get your company involved!

For the last 20 years the International Symposium on Measurement Technology and Intelligent Instruments (ISMTII) has established itself as a well renowned meeting for international metrology experts. With more than 300 participants out of science and industry the 11th ISMTII 2013 will focus on current trends and developments by discussing how to "Master Global Challenges" with the means of metrology.

The Laboratory for Machine Tools and Production Engineering (WZL) of RWTH Aachen University and Fraunhofer Institute for Production Technology IPT offer the opportunity to benefit from the event's renown. Be a sponsor, join the exhibition with a booth, present your exhibits or use our advertisement media to make your company well known with first class international experts! You are also invited to submit and present a scientific paper or to participate in the event with a short talk about your products during the „industrial solutions“ session.

More details about the event on: [www.ismtii2013.rwth-aachen.de](http://www.ismtii2013.rwth-aachen.de)

## Booth & Exhibit

Use your chance to present your company with a booth in the foyer of the Eurogress Aachen.

Exhibition area 200 €/m<sup>2</sup>  
Stall rent 100 €/m<sup>2</sup> (optional)

The costs include: 2 admission tickets for the stall-keeper and personel covering the booth, conference documents and catering.

(amounts are subject to VAT where applicable)

## Advertisement Media

Choose from a miscellaneous offer of different advertisement media to put your company in the spotlight during the event

- Your banner at the main entrance
- Your logo on the conference bags
- Your advertising material in the conference documents

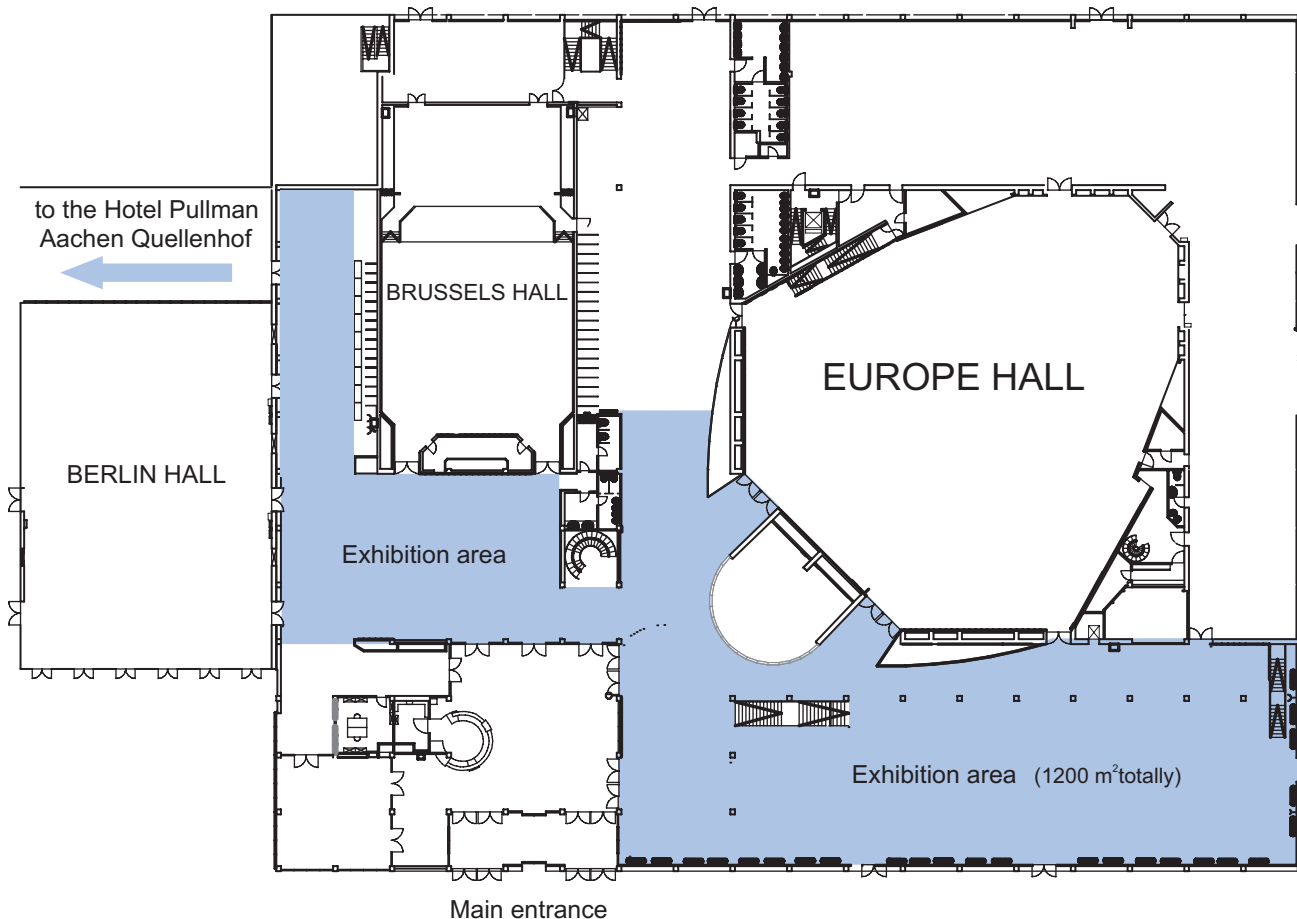
We are looking forward to advise you on more possibilities!

## Contact Person

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## Conference Center: Eurogress Aachen



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ISMTII 2013 is organized by

- Laboratory for Machine Tools and Production Engineering (WZL) at RWTH Aachen University
- Fraunhofer Institute for Production Technology (IPT) and
- Physikalisch-Technische Bundesanstalt PTB

with support by the International Committee on Measurements and Instrumentation (ICMI)

For more details about the event visit:

[www.ismtii2013.rwth-aachen.de](http://www.ismtii2013.rwth-aachen.de)