

Important dates

28.04.2006 Submission Deadline for 2-page abstract
01.06.2006 Notification of Acceptance
15.06.2006 Early Registration Deadline
10.08.2006 Submission Deadline for 4-page extended paper

Preliminary programme

17.09.2006
19.00h Registration & Welcome reception at Chalmers Conference Centre

18.09.2006
09.00h Opening Ceremony and Plenary Session M1A
11.00h Parallel Sessions M2A, M2B, M2C
12.30h Lunch
14.00h Poster Session MP
16.00h Parallel Sessions M3A, M3B, M3C
19.00h Reception of the City of Göteborg at "Börsen"

19.09.2006
09.00h Parallel Sessions T1A, T1B, T1C
11.00h Parallel Sessions T2A, T2B, T2C
12.30h Lunch
14.00h Poster Session TP
16.00h Parallel Sessions T3A, T3B, T3C
19.00h Conference banquet at "Carlstens Fortress"

20.09.2006
09.00h Parallel Sessions W1A, W1B, W1C
11.00h Poster Session W1P
12.30h Lunch
14.00h Poster Session W2P
16.00h Parallel Sessions W2A, W2B, W2C
16.00h Closing Session - Best presentation awards

Executive committee

Chairperson: R. Puers (Leuven), Belgium
J. Morante (Euroensors XIX-Barcelona), Spain
P. Enoksson (Euroensors XX-Göteborg), Sweden
P. J. French (Euroensors XXI-Lyon), The Netherlands
H. Meixner (Munich), Germany
J. Gardner (Warwick), United Kingdom
A. D'Amico (Rome), Italy

International steering committee

Chairperson: R. Puers (Leuven), Belgium
A. D'Amico (Rome), Italy
J. H. Correia (Guimaraes), Portugal
J. Dziuban (Warsaw), Poland
J. Gardner (Warwick), United Kingdom
F. J. Gutierrez (Madrid), Spain
P. Hauptmann (Magdeburg), Germany
C. Hierold (Zurich), Switzerland
R. S. Jachowicz (Warsaw), Poland
N. Jaffrezic (Lyon), France
B. E. Jones (London), United Kingdom
S. Leppavuori (Oulu), Finland
U. Mastromatteo (Agrate), Italy
H. Meixner (Munich), Germany
F. Menil (Bordeaux), France
E. Obermeier (Berlin), Germany
C. Pijolat (St. Etienne), France
P. Ripka (Prague), Czech Republic
C. Roumenin (Sofia), Bulgaria
L. Sarro (Delft), The Netherlands
V. Smyntina (Odessa), Ukraine
A. Lloyd Spetz (Linköping), Sweden
M. Vellekoop (Vienna), Austria
Y. Vlasov (St. Petersburg), Russia

Local organisation

P. Enoksson (Local Chair) - Chalmers University
S. Bengtsson - Chalmers University
A. Sanz-Velasco - Chalmers University
G. Andersson - IMEGO AB
C. Rusu - IMEGO AB



www.mc2.chalmers.se



www.imego.com



www.chalmers.se



goteborg.com

EUROSENSORS XX

Second call for papers
Final announcement

Welcome to
20th Anniversary of Euroensors
17-20 September 2006
Göteborg, Sweden

www.euroensors2006.com

Since its establishment in 1987, the Eurosensors series of conferences are the only European forum to cover the entire field of Sensors, Actuators and Microsystems. The Eurosensors conference provides an excellent opportunity to bring together European scientists and engineers from academia, national research institutes and companies to present and discuss the latest results in the general field of solid-state sensors, actuators, microsystems and nanosystems.

The conference goals are to stimulate interaction and knowledge exchange between the delegates in a friendly atmosphere.

The 20th anniversary of EUROSENSORS will be celebrated 17-20 September 2006 in Göteborg, the second largest city of Sweden, situated on the beautiful south-west coast. With its relaxed and friendly atmosphere, Göteborg proudly lives up to its reputation of having the charm of a small town with all the opportunities of a big city. EUROSENSORS XX will be held at the Chalmers Conference Centre, on the premises of the Chalmers University of Technology, located near the city centre.

The technical programme will start on Monday morning with a plenary session with presentations by invited plenary speakers:

Prof. Simon Middelhoek
Delft University of Technology

Prof. Gregory T. A. Kovacs
Stanford University

Prof. Pasqualina M. Sarro
Delft University of Technology/DIMES

Prof. Michiel J. Vellekoop
Vienna University of Technology

Patric R. Salomon
4M2C PATRIC SALOMON GmbH

Selected papers will be presented in parallel oral sessions and poster sessions scheduled throughout the conference which will adjourn late on Wednesday afternoon. Each of the parallel oral sessions will start with a presentation by an invited keynote speaker. In addition to the technical program, an exciting series of social events is planned. The working language of the conference is English.

We are looking forward to celebrate the 20th Eurosensors anniversary together with you.

Professor Peter Enoksson
Local Chairman
Eurosensors XX



Scope and content

The Eurosensors conference series covers the areas of sensors and actuators, micro- and nanosystems. The Eurosensors conference invites contributions describing the latest scientific and technological research results in subjects including, but not restricted to:

- o Theory, modelling and design.
- o Materials and technology.
- o Micro- and nanofabrication for sensors and actuators.
- o Physical, chemical and biological sensors and actuators.
- o Micro fluidic & micro analysis devices and systems.
- o Optical MEMS and RF MEMS.
- o Micro power generation.
- o Interface and system issues. Sensor networks.
- o Packaging and assembly.

There will be invited plenary and invited keynote speakers giving excellent reviews of the state-of-the-art and present exciting highlights. Authors will be given the opportunity to highlight the gist of their work during oral presentations and poster sessions. Ample time will be available during the poster sessions for discussions of new ideas and results. First of all, the Eurosensors conference offers an attractive meeting place where new and important achievements can be discussed. Parallel to the technical programme there will be an exhibition by vendors of products and services relevant to the field of sensors.

Venue

Göteborg, the 2nd largest city of Sweden, is situated on the beautiful south west coast. Eurosensors XX will be held at the Chalmers Conference Centre, on the premises of the Chalmers University of Technology located within walking distance from the city centre. Directions for travelling to Göteborg are available on the conference website.

Social events

The conference starts on Sunday evening, 17 September 2006 with a welcome reception at Chalmers Conference Centre. The City of Göteborg invites all delegates to a cocktail reception taking place at "Börsen", the old stock exchange, on Monday evening. The conference banquet will be arranged close by the sea, on Göteborg's wonderful archipelago at Carlstens Fortress, Tuesday evening.

Registration

A registration form is available on the conference website. The registration fee includes: welcome reception on Sunday, lunches and coffee breaks on Monday to Wednesday and the conference banquet.

Paper submission

Contributing papers should address innovative ideas and present the latest scientific and technological results covering topics concerning the fields of sensors, actuators, 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 are available on the conference website. The use of the available templates as well as electronic submission in PDF-format are mandatory. The submission deadline is **28 April 2006**. Notification of acceptance will be given by **1 June 2006**.

Accepted authors are invited to submit a 4-page extended paper to be published in the conference proceedings distributed to all attendees on a CD-ROM. All delegates will receive printed conference proceedings including all accepted 2-page abstracts at the conference. The deadline for submission of the 4-page extended paper is **10 Aug. 2006**. The programme committee will decide on the form in which the accepted abstracts are to be presented, as poster or as oral presentation.

Elsevier is sponsor of Eurosensors XX and selected authors will be invited to submit updated papers to Special Volumes of *Sensors and Actuators A: Physical* and *B: Chemical*. The manuscripts will be submitted on-line and Elsevier will send out detailed instructions as how to submit.

At the end of the conference, during the Closing Session, the best 3 posters will be awarded a "Best Poster Award" and the 3 best oral presentations a "Best Presentation Award".



Website

For more information about the 20th Eurosensors Conference, Göteborg, travelling and accommodation, please visit our website at <http://www.eurosensors2006.com>

or contact us regarding the

Scientific Programme	eurosensors@mc2.chalmers.se
Paper Submission	eurosensorsabstract@bgg.congrex.se
Hotel/Registration	eurosensors2006@bgg.congrex.se