

EuPAT

3

Third pan-European PAT Science Conference

Announcement • June 2008

Scientific Progress Underpinning Innovative Manufacturing Control and Quality by Design

October 7-8 • 2008 • Göteborg • Sweden

Invitation & Aim & Sessions

This is to invite you to plan for the EuPAT3, the third pan-European Science Conference on Process Analytical Technology (PAT), building on the successes of EuPAT1 in 2006 and EuPAT2 in 2007. It will be held in Göteborg, Sweden, on October 7-8, 2008, in conjunction with the Process Technology Fair. At this event, EuPAT3, special attention will be paid to recent advances in PAT sensors and multivariate process analytics.

The EuPAT Conference Series is a unique forum for scientists and engineers, encouraging and promoting progress in science behind PAT and strengthening the interdisciplinary scientific discussion that bridges between the various fields underpinning PAT. The focus for EuPAT is on scientific progress underpinning Innovative Manufacturing Control and Quality by Design. New findings and results from scientific research and tech-

nology development are discussed in the four areas that constitute the cornerstones of sessions of the EuPAT Conferences; Process Informatics; Process Modelling and Understanding; Advanced Process Sensors; and PAT Based Control and Process Integration.



www.eufeps.org and www.ispe.org/nordic



Scientific & Planning Committee

Staffan Folestad (Chair), AstraZeneca, Mölndal, and Chalmers University of Technology, Göteborg, Sweden
Rasmus Bro, University of Copenhagen, Copenhagen, Denmark
Jarkko Ketolainen, University of Kuopio, Kuopio, Finland
Hans H. Lindén, EUFEPS, Stockholm, Sweden
Hans Sundin, ISPE Nordic, Uppsala, Sweden
Peter York, University of Bradford, Bradford, United Kingdom

International Scientific Advisory Board

Staffan Folestad, AstraZeneca, Mölndal, and Chalmers University of Technology, Göteborg, Sweden
Rasmus Bro, University of Copenhagen, Copenhagen, Denmark
Jarkko Ketolainen, University of Kuopio, Kuopio, Finland
Line Lundsberg-Nielsen, NNE Pharmaplan, Soeborg, Denmark, and Lundsberg Consulting, Cobham, United Kingdom
Carl-Fredrik Mandenius, Linköping University, Sweden
Lisbeth Olsson, Chalmers University of Technology, Göteborg, Sweden
Wim Oostru, Organon, Oss NL
Jukka Rantanen, University of Copenhagen, Copenhagen, Denmark
Sakari Salla, NNE Pharmaplan, Sollentuna, Sweden
Johan Trygg, Umeå University, Umeå, Sweden
Peter York, University of Bradford, United Kingdom

Abstracts & Submission & Deadline

Abstracts should be submitted as email attachment in Word format to secretariat@eufeps.org by **August 25, 2008**. The abstract, up to one page A4, should be typed single-spaced (12 pt Times Roman font or equivalent, 2.5 cm margins, page size A4) and should include the title, authors, their affiliations and addresses.

The selection of oral presentations and poster presentations will be based on the review of the up to 1-page abstracts (incl. figures) by the Scientific & Planning Committee.

Registration

For registration fill out and send registration form, attached or available on the website. Alternatively, to be first in line for this attractive event, send a message to Anneht Rooslien-Nilsson of the ISPE Nordic Affiliate at: AHRN@NNEPharmaplan.com

Venue & Location

The Conference will take place in the Swedish Exhibition Centre, Mässans Gata/Korsvägen, SE-41294 Göteborg, Sweden (Tel +46 31 7088000; Fax +46 31 160330; infomaster@swefair.se; <http://www.swefair.se>), easy accessible by escalator from the Lobby of the Hotel Gothia Towers.

Accommodation

For accommodation, special rate rooms were blocked at the Hotel Gothia Towers, Mässans Gata 24, SE-40226 Göteborg, Sweden (Tel +46 31 7508800; Fax +46 31 7508882; infomaster@gothiatowers.com; <http://www.gothiatowers.com>). For reservation, make use of/click the Hotel Reservation Form, posted on this website.

Hotels are normally sold out long before any Swedish Exhibition Centre event. Please, make your reservation early, would it be for the Hotel Gothia Towers or other.

EuPAT3 Key Speakers & Presentations

The EuPAT3 Scientific Programme comprises invited presentations, as well as oral presentations and poster presentations selected from submitted abstracts. Special emphasis will be on advances in

- PAT Sensors
 - Multivariate Process Analytics
- Progress in these areas will be covered in sessions on advances in Technology and Methodology and Novel Applications with key presentation titles and speakers.

Important Dates

Abstract Submission Deadline	August 25, 2008
Final Programme Available	September 1, 2008

Preliminary Programme

Tuesday, October 7, 2008 • 09:00-18:00
Welcome, Introduction and Opening Remarks
Session: Multivariate Process Analytics I
Advances in Technology, Methodology, and Novel Applications
Chemometrics: Implications for robust process monitoring and closed loop process control <i>Prof. Julian Morris</i> , Newcastle University, Newcastle, United Kingdom
Inverse problems and processing <i>Prof. Jari Kaipio</i> , University of Kuopio, Kuopio, Finland
Improved performance and robustness in multivariate process monitoring <i>Dr Johan Trygg</i> , Umeå University, Umeå, Sweden
Multivariate modelling/monitoring of crystallisation process <i>Dr Morten Allesö</i> , University of Copenhagen, Copenhagen, Denmark
Selected oral contributions
Posters
Session: PAT Sensors I
Advances in Technology, Methodology, and Novel Applications
Advances in sensor technology for PAT: Impedance and Terahertz based methods in focus <i>Prof. Elmar Wagner</i> , Fraunhofer Institute for Physical Measurement Techniques IPM, Freiburg, Germany
Diodlaser based process sensors <i>Prof. Stefan Andersson-Engels</i> , Lund University, Lund, Sweden
Process Analytical Spectroscopy in Opaque Systems <i>Prof. Rudolf Kessler</i> , Reutlingen University, Reutlingen, Germany
Development of ultra-sound based in-line measurements of rheological properties of process streams <i>Dr Johan Viklund</i> , Swedish Institute of Food and Biotechnology, Göteborg, Sweden
Selected oral contributions
Conference Dinner • 19:00-22:00

Wednesday, October 8, 2008 • 09:00-16:00
Session: Multivariate Process Analytics 2
Advances in Technology, Methodology, and Novel Applications
PAT beyond analyzers: The role of Multivariate Analysis in Quality by Design (QbD) <i>Dr Theodora Kourti</i> , GlaxoSmithKline, Beckenham, United Kingdom
Common problems when using multivariate models <i>Prof. Rasmus Bro</i> , University of Copenhagen, Copenhagen, Denmark
Science based multivariate process sensor calibration <i>Dr Ralf Maarbach</i> , VTT Electronics, Oulu, Finland
Opportunities and challenges in process automation when closing the loop with PAT sensors TBA
Selected oral contributions
Posters
Session: PAT Sensors 2
Advances in Technology, Methodology, and Novel Applications
Recent advances in acoustic sensors for fluid-bed granulation <i>Prof. Jarkko Ketolainen</i> , University of Kuopio, Kuopio, Finland
<i>In-situ</i> measurement in extreme environments: From Fat PAT to Mars Exploration <i>Dr Ian Scowen</i> , IPI Analytical Centre, Bradford, United Kingdom
Implementation of <i>in-situ</i> Raman monitoring in freeze-drying processing <i>Dr Thomas De Beer</i> , Ghent University, Ghent BE
Methodology for improved interpretation of multivariate sensor data enabling novel process monitoring applications <i>Dr Erik Johansson</i> , Umetrics, Umeå, Sweden
Selected oral contributions
Closing remarks

Organisers

The EuPAT3 is co-organised by the European PAT Science Network of the European Federation of Pharmaceutical Sciences (EUFEPS) and the Nordic Affiliate of the International Society of Pharmaceutical Engineering (ISPE), supported by the ISPE Community of Practices (CoP) of PAT.

The ISPE CoP for PAT provides a network of active PAT practitioners from industry, academia, the regulatory agencies and suppliers which promotes understanding, open communication and exchange of useful and relevant information about PAT and process understanding between all parties.

Further Information and Contact Details

For updates and travel consult the EUFEPS Online and the ISPE Nordic Website:

www.eufeps.org

www.ispe.org/nordic

www.goteborg.com/templates/Page.aspx?id=27560

or contact the

EUFEPS Meetings and Events
 P0 Box 1136, SE-11181 Stockholm,
 Sweden
 Tel +46 8 7235000. Fax +46 8 4113217
 Email secretariat@eufeps.org

ISPE Nordic Affiliate
 c/o Anneth Rooslien-Nilsson
 P.O. Box 498
 SE-19124 Sollentuna, Sweden
 Tel +46 859496038. Fax +46 859496099
 Email AHRN@NNEPharmaplan.com

EUFEPS

Founded in 1991, the mission of EUFEPS is to advance excellence in the pharmaceutical sciences and innovative drug research, and to represent the interests of scientists engaged in drug research and development, drug regulation and drug policymaking. Currently, EUFEPS links 24 Member Societies in 24 European countries, and 12

Member Institutions. It has, in addition, around 600 Individual Members.

The Central Office is located in Stockholm, Sweden, and a Branch Office in Vienna, Austria.

ISPE

ISPE, the International Society for Pharmaceutical Engineering, is the Society of choice for nearly 23,000 pharmaceutical manufacturing professionals in 80 countries. ISPE aims to be the catalyst for "Engineering Pharmaceutical Innovation", by providing Members with opportunities to develop technical knowledge, exchange practical experience, and collaborate with global regulatory agencies. Founded in 1980, ISPE has worldwide headquarters in Tampa, Florida; an Asia Pacific office in Singapore; a European office in Brussels, Belgium; and Affiliates and Chapters in 19 countries around the world.

In Collaboration with



www.efb-central.org



www.scanbalt.org

