

First Announcement Call for Paper Abstracts

Fourth Nordic Drying Conference NDC 2009

Innovative drying technologies:

- Product quality
- Energy efficiency
- Environmentally friendly
- Climate change

Reykjavik, Iceland
June 17th to 19th 2009



Awards

- The following awards will be granted to candidates present at the Nordic Drying Conference:
- Distinguished Contributions for the Development of Drying Technology in the Nordic Region
 - Outstanding Achievement and Excellence in Drying R&D
 - Novelty and R&D among the Papers, Poster and Industrial presentations at the NDC 2009

Scientific Committee:

President: Prof. Odilio Alves-Filho, Norwegian University of Science and Technology, Norway
Chairman: Prof. Trygve M. Eikevik, Norwegian University of Science and Technology, Norway
Honorary Chairman: Prof. Arun S. Mujumdar, National University of Singapore
Members:

Assoc. Prof. Sigurjon Arason, University of Iceland, Iceland
Prof. Ingvald Strømme, Norwegian University of Science and Technology
Mr. Christian Fridberg, GE-Niro, Denmark
Dr. Nenad Milosavljevic, Metso Paper Inc, Finland
Assoc. Prof. Jonas Berghel, Karlstad University, Sweden
Assoc. Prof. Lars Nilsson, Karlstad University, Sweden
Prof. Stig Stenström, Lund University, Sweden
Prof. German Efremov, Moscow State Open University, Russia
Assoc. Prof. Svetlana Goncharova-Alves, Mendeleev University of Chemical Technology of Russia
Prof. Patrick Perre, LERMAB-ENGREF, Nancy, France
Prof. Bhaskar N. Thorat, Mumbai University, India
Assoc. Prof. Osvaldir P. Taranto, State University of Campinas, Brazil
Assoc. Prof. Luis Segura, University of Bio-Bio, Chile
Prof. Steven Sargent, University of Florida, USA
Prof. Jamal Seyed-Yagoobi, Illinois Institute of Technology, USA
Prof. Yasuyuki Sagara, University of Tokyo, Japan
Prof. Roger Keey, University of Canterbury, New Zealand
Prof. Ireneusz Zbicinski, Lodz Technical University, Poland
Dr. Tadeusz Kudra, CANMET, Canada
Prof. Istvan Farkas, Szent Istvan University, Hungary
Prof. Evangelos Tsotsas, University of Magdeburg, Germany
Mr. Ian C. Kemp, GlaxoSmithKline plc, UK

Organizing Committee:

President: Prof. Trygve M. Eikevik, Norwegian University of Science and Technology, Norway
Chairman: Prof. Odilio Alves-Filho, Norwegian University of Science and Technology, Norway
Members:

Assoc. Prof. Sigurjon Arason, University of Iceland, Iceland (Local committee)
Prof. Ólafur Pétur Pálsson, University of Iceland, Iceland (Local committee)
Assoc. Prof. Halldór Pálsson, University of Iceland, Iceland (Local committee)
Assoc. Prof. Roger Renström, Karlstad University, Sweden
Mr. Michael Wahlberg, GE-Niro, Denmark
Assoc. Prof. Carl Gustav Berg, Åbo Akademi University, Finland
Mrs. Elisabeth Søgner, SINTEF, Norway (Secretariat)

Language

The language in the NDC 2009 will be English without translation.

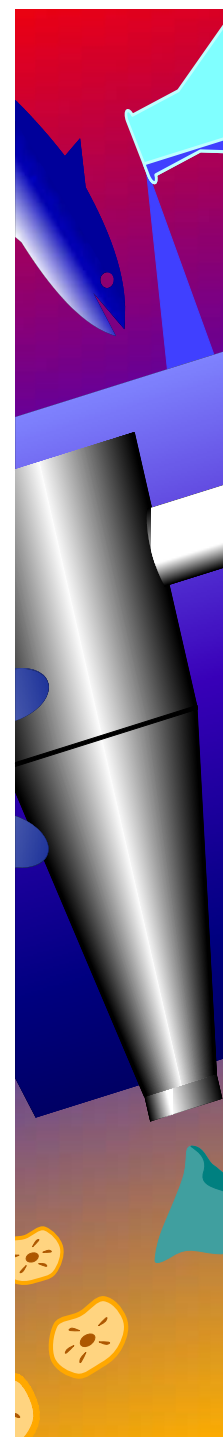
Correspondence NDC 2009

Norwegian University of Science and Technology (NTNU), Department of Energy and Process Engineering, Kolbjørn Hejes vei 1B, NO-7491 Trondheim, Norway
Phone: +47 73 59 25 11, Fax: +47 73 59 38 59

Registration/reply cards/abstracts: Elisabeth Søgner (elisabeth.sogner@sintef.no)

Scientific program: Prof. Odilio Alves-Filho and Prof. Trygve M. Eikevik

Conference website: www.NDC2009.com



The **NDC 2009** is the fourth dewatering and drying conference organized by the Nordic countries, which is represented by Norway, Denmark, Sweden, Iceland and Finland. The main purpose of the NDC 2009 is to provide forum for the exchange of technical and scientific information on drying and dewatering between the industry, academia, research and consulting agencies. Another aim is to promote the best drying practices internationally and in the Nordic nations. The topics for the conference will be the technologies, processes and products that are important to the society and industry, including the current challenges on product quality, product development, troubleshooting, energy utilization as well as the impact on environment, climate change, and ecological systems.

INVITATION AND VENUE FOR NDC 2009

The conference is held every two years and alternates among the Nordic countries. The NDC 2009 is locally organized by the University of Iceland (<http://www.hi.is/id/1002800/>) and the research institute Matis (<http://www.matis.is>) located in the city of Reykjavik on June 17 to 19, 2009. We are pleased to invite you to participate in this NDC 2009 and enjoy the exciting city Reykjavik and Iceland's unique landscape and special geological formations. Reykjavik can be easily reached from the main cities of Scandinavia and large cities worldwide. The University of Iceland is a progressive educational and scientific institution known by its global scientific community and research. It is a state university, situated in the heart of Reykjavik. This is a modern institution offering opportunities for study and research in almost 300 programs in field of Social Sciences, Health Sciences, Humanities, Sciences and Engineering. Some of the resources available at the university are uniquely Icelandic. These include the manuscripts preserved in the Árni Magnússon Institute, Icelandic census records dating from 1703, exceptionally complete genealogical data and climatological, glaciological, seismic and geothermal records. The university has also an international leading role in renewable energy and environmental research. Iceland is not only closer than you think but far different than you ever imagined. You can see marvels from Mother Nature such as the tremendous icecap, glaciers, spouting geysers, volcanoes (hopefully dormant), rivers and magnificent waterfalls, a multitude of birds and whales just offshore. Summers are surprisingly warmer you might expect and when you visit, be sure about the hospitality of Icelanders and their desire to share their culture and to make your stay as pleasant as possible. See the official Iceland travel guide at <http://www.icetourist.is/>

Conference outline

- Welcome reception
- Plenary lectures
- Keynote lectures by world recognized professionals, scientists and professors.
- Oral presentations with full papers
- Technical and poster sessions
- Industrial session
- Closing ceremony

Keynote lectures:

The major topics of drying and dewatering are:

- Prof A. Mujumdar: *Global Perspectives in Innovative Drying Technologies*
- Prof B. Thorat: *Heat Pump Freeze Drying of Pharmaceuticals*
- Prof X.D. Chen: *Fundamentals of Drying*
- Prof. T.M. Eikevik: *Challenges in Atmospheric Freeze Drying and Potential Application of Hybrid Heat Pump Technologies*
- Heat and mass transfer in fluidized bed and drying processes
- Energy savings and exergy evaluation in closed and open drying systems
- Drying related to climate and ecological issues
- Atmospheric freeze drying
- Material treatment related drying rate
- New trends in accelerated drying
- Innovative drying
- Drying of marine, food and biological materials
- Drying of pulp, cellulose, paper and wood products
- Quality and property interactions with drying processes
- Challenges in transferring R&D into Industrial Drying

Topics for papers, posters and industrial presentations

Conference sessions are planned and papers, posters and industrial presentations are requested on subjects related to dewatering and drying within the following areas:

- Theory, fundamentals and modeling
- Product quality and drying process control
- Best practice in industrial drying and dewatering
- Drying and dewatering of foods and biomaterials
- Drying and dewatering of paper and non-food products
- Drying of textiles in household dryers
- Current and future trends
- Energy and resources savings, product quality and environment in drying and dewatering
- Drying process integration for energy production
- Drying technology, dryers dimensioning and design
- Stationary, forced and gravity moving bed dryers
- Direct and indirect steam dryers
- Vacuum and atmospheric freeze drying processes

Call for papers

You are invited to prepare abstract for papers (about 250 words) to be sent to the Organizing Committee. The Organizing and Scientific Committees will select the abstracts for oral and poster presentations. The accepted papers and posters will be printed for distribution at the conference. The abstracts should be sent by email as Microsoft Word file formatted as:A4, font Arial, size 12, containing: title of the paper, author(s) name(s), affiliation(s), address(es), phone, fax and email. Send the abstract to NDC 2009, Department of Energy and Process Engineering, Norwegian University of Science and Technology, Kolbjorn Hejes vei 1B, NO-7491 Trondheim, Norway.

The deadlines are as follows:

First announcement, abstract & registration form	November 2008 / IDS2008
Title and abstract received (extended deadline)	February 9, 2009
Authors notified of acceptance	February 26, 2009
Preliminary program	March 16, 2009
Papers received	April 6, 2009
Authors notified of acceptance of papers	May 4, 2009
Registration and Get together	June 17, 2009
Fourth Nordic Drying Conference	June 18 to 19, 2009

Registration fee (Euros) and information

Category:	Prior	After	On site
	March 23 rd , 2009	March 23 rd 2009	
Keynote lecturers	300	650	650
Speakers and other participants	600	650	650
Students	300	350	350
Accompanying persons	200	250	250

The registration fees for speakers, other participants and students include all sessions, one copy of the book of abstracts, a CD proceedings with all papers, posters and industrial presentations, all announced meals, coffee, tea and social events. The speaker fee is for one person per paper/poster, and the acceptance of papers for the final conference program and the CD proceedings depends on payments before March 16, 2009. The accompanying person fee includes social events and conference dinner, except lunches. Separate payment will be required for the accompanying persons program.

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 - Climate change

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TELEFAX

To: NDC2009

No: +47 73 59 38 59

Registration form

Name: _____

Title: _____

Company: _____

Address: _____

Telephone: _____ Fax: _____

E-mail: _____

I plan to participate in the conference, please keep me informed

I am interested in the following topics: _____

I am interested in presenting paper(s) (titles): _____

I have enclosed abstract(s): _____

Observe that your registration also may be submitted on our website

www.NDC2009.com

NDC'09, NTNU, Kolbjorn Hejes vei 1B
NO-7491 TRONDHEIM, NORWAY

