

#### 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 Søgne, 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

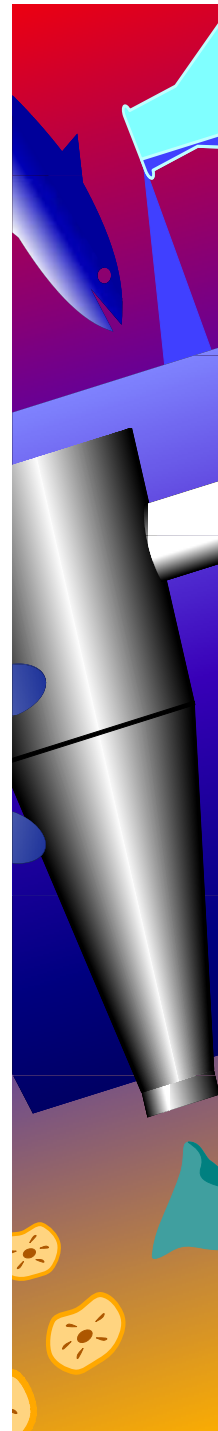
Engineering, Kolbjørn Hejes vei 1B, NO-7491 Trondheim, Norway

Phone: +47 73 59 25 11, Fax: +47 73 59 38 59

**Registration/reply cards/abstracts:** Elisabeth Søgne (elisabeth.sognen@sintef.no)

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

**Conference website:** www.NDC2009.com



## 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 17<sup>th</sup> to 19<sup>th</sup> 2009



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                      | January 5, 2009         |
| Authors notified of acceptance                   | January 19, 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 16, 2009 | March 16th 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.

## 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](http://www.NDC2009.com) (under establishing)

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

## Registration and Abstract submission form

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