

The Fourth Chinese–Norwegian Symposium on Light Metals and New Energy (4th CNS 2011)

August 24-26 2011, Trondheim, Norway

**Sponsored by:
Norwegian University of Science and Technology (NTNU), Norway
Shanghai Jiao Tong University (SJTU), China**

**Co-sponsored by:
National Natural Science Foundation of China (NSFC)
Research Council of Norway (RCN)
Transactions of Nonferrous Metals Society of China (TNMSC)**

**Organiser:
Strategic Area Materials, NTNU, Norway
&
The Joint Research Center between SJTU and NTNU
on Light Metals and New Energy**



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Secretariat: Ms. Ingrid Gamst Page

Venue

The Symposium will be held at 'Pirsenteret Business Centre' in the harbour area of Trondheim.

Deadlines

The deadline for pre-registration and abstracts is Jan. 1st 2011. Please submit a one-page abstract together with the attached pre-registration form by e-mail to:

Ingrid.g.page@nt.ntnu.no

Important Dates

Jan. 1st 2011:	Deadline for submission of abstracts
Jan. 1st.2011:	Deadline for pre-registration
Feb. 15th 2011:	Notification of acceptance of abstracts
May 15th 2011	Submission of full paper
June 15th 2011	Notification of paper acceptance
June 15th 2011	Final registration date

Accommodation

The organizers have pre-booked rooms at the Britannia Hotel (www.britannia.no) from the 23rd to the 27th August. The hotel is not included in the registration fee.

Visa and Invitation Letter

Participants who need an invitation letter for visa application may contact Ms. Ingrid Page (Ingrid.g.page@nt.ntnu.no)

General

The first Chinese-Norwegian Symposium on Light Metals was held at the Norwegian University of Science and Technology (NTNU) in Trondheim in 2005, the two next ones; in 2007 and 2009 were hosted by the Shanghai Jiao Tong University (SJTU). It is therefore with great pleasure we invite you back to NTNU, Trondheim in 2011 for the Fourth Chinese-Norwegian Symposium on Light Metals. The symposium aims to bring together scientists from China and Norway, and to provide a forum for materials scientists both from academia, industry and governmental institutions.

The symposium provides a social setting for the exchange of new results and ideas, discussions on various aspects of light metals and light new energy materials, their applications and to discuss common challenges and opportunities. The aim of the symposium is to promote light metals and new light energy materials research, and extended cooperation between China and Norway in alignment with the respective national priorities.

One of the largest challenges for the 21st century is the accelerating energy consumption. Energy based on fossil fuel is not sustainable and new forms of energy, such as photovoltaic, hydrogen, batteries, wind, fuel cell and membrane technology will have to be developed. A new and special topic for this fourth symposium will therefore be 'New Light Energy Materials'.

Symposium Topics

The subject of this Symposium is the Science, Technology and Applications of aluminum alloys, magnesium alloys, titanium alloys and other light metals. The Symposium topics include:

- (1) Casting and Wrought alloys (extrusion, rolling and forging)
- (2) Nanostructured materials
- (3) Alloy development, microstructure evolution & characterization, mechanical behaviour (strength, fatigue, etc.), corrosion and surface science, functional properties
- (4) Primary production, recycling and melt treatments
- (5) Simulation and modelling
- (6) New processes and industrial applications
- (7) New Light Energy Materials
- (8) Light solutions for transport
- (9) Metal based bio-materials

The key-note speakers will address the above topics.

Presentations

The Symposium language is English. The time for each invited lecture is 15+5 min, and speakers are asked to provide a power-point presentation on a memory stick.

Symposium fee

The registration fee for the symposium is NOK 1000,- (~ US\$ 170,-). In addition, authors of accepted papers must pay a publication fee (~300 US\$). The registration fee does not cover accommodation and the post-symposium tour.

Proceedings

The accepted papers are planned to be published in "Transactions of Nonferrous Metals Society of China", which is indexed by SCI and EI Compendex. The papers should be submitted by May 15th 2011, and will be reviewed according to the journal standard. Only the contributions presented at the symposium can be published.

Call for Papers

You are hereby invited to submit an abstract. (see below for abstract requirements)
The full manuscripts, should be written in accordance with the directions given by the Transactions of Nonferrous Metals Society of China <http://www.ysxbcn.com/tribu.html>;
<http://www.tnmsc.cn/tribu.html>)

Manuscripts should be submitted electronically to the following address:

Ingrid.g.page@nt.ntnu.no

Deadlines for abstract and paper submission:

Jan. 1. 2011 Deadline for abstract submission

May 15 2011 Deadline for full-length paper submission

Abstract requirements:

1. Title of the Paper
2. Name(s) of Author(s)
3. Affiliation(s) and contact information of Author(s)
4. Body of Abstract (not less than 100 words) and 5. Keywords
6. Corresponding Author (contacting method)

See also: Information for Contributors of Transactions of Nonferrous Metals Society of China:
<http://www.ysxbcn.com/tribu.html>; <http://www.tnmsc.cn/tribu.html>)

Submission of an article must be accompanied by an explicit declaration which states that:

1. The article is original and in English.
2. The article has been written by the stated authors who are all aware of its content and approve its submission.
3. The article has not been published in a journal or proceedings previously.
4. The article is not under consideration for publication elsewhere.
5. No conflict of interest exists, or if such conflict exists, the exact nature of the conflict must be declared.
6. If accepted, the article will not be published elsewhere in the same form, in any language, without the written consent of the publisher.

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Energy Materials**

(4th CNS 2011)

Aug. 24-26, 2011, Trondheim, Norway

Pre-registration Form

Official title:
First name and surname:
Affiliation:
Accompanying person:
Preliminary title of your presentation
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Postal address:

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Tel:..... Fax:.....

Email:.....

Please tick (☒):

- (☐) I plan to attend the Symposium
(☐) I would like to submit an abstract to the Symposium and
give a presentation at the Symposium
(☐) I would like to submit a full-length paper to the Symposium
to be published in *Trans. Nonferrous Met. Soc. China*

Date **Signature**

Please email or send the above form prior to January 1st 2011 to:

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