Invitation

The 5th International Conference on Nanomaterials by Severe Plastic Deformation (NanoSPD5) will be held on March 21 - 25, 2011, in Nanjing, an ancient and also a modern city in the eastern part of China. On behalf of the Organizing Committee, we cordially invite you to participate in NanoSPD5. The conference will cover processing, microstructural characterization, properties and applications of ultrafine-grained and nanostructured materials processed by plastic deformation.

The NanoSPD conference series started from Moscow in 1999, traveled through Vienna in 2002, Fukuoka in 2005 and Goslar in 2008, and now it will step on the earth of an ancient land where an old form of NanoSPD, Bailian steel, was developed over 2000 years ago. Deformation processing for advanced materials with ultrafine- and nano-structures and having significantly improved properties has developed as one of the most promising frontiers of materials science and technology. It has now reached the stage of product innovation and commercialization. This in turn requires a deeper understanding of the fundamentals and principles of low-cost high efficient NanoSPD processing. These new challenges are now attracting the interests of materials scientists and engineers from many different areas.

Nanjing, situated amid a hilly area in the lower reaches of the Yangtze River, is the seat of 6 dynasties in Chinese history, and it was awarded the title of "Famous Historic and Culture City" by the State Council. Nanjing is also a famous tourist city, with a favorable geographical location, unique landscape, and historical sites. Among them, Ming Xiao Ling Mausoleum, a world cultural heritage site by UNESCO, is renowned for its unique design, eminent status, amazing beauty and magnificent scale.

We are looking forward to welcoming you in Nanjing.

International Steering Committee

Chair:
Ruslan Z. Valiev, Ufa, Russia

Members:
Yuri Estrin, Melbourne, Australia
Zenji Horita, Fukuoka, Japan
Terence G. Langdon, Los Angeles, U.S.A.
Michael J. Zehetbauer, Vienna, Austria
Yuntian T. Zhu, Raleigh, NC, U.S.A.

Conference Chairs

Jing Tao Wang, Nanjing, China
Terence G. Langdon, Los Angeles, USA

Advisory Committee

Chairs:
Chang Xu Shi, Beijing, China
Ke Lu, Shenyang, China

Local Organizing Committee

Chair:
Xiao Feng Wang, Nanjing Univ of Sci & Tech, Nanjing

Members:
Cheng Wei Che, NSFC, Beijing
Shu Guang Bian, MOST, Beijing
Jing Tao Wang, Nanjing Univ of Sci & Tech, Nanjing
Qing Liu, Chongqing University, Chongqing
Hong Wei Song, Baoshan Iron & Steel Co., Ltd, Shanghai
Ai Dang Shan, Shanghai Jiao Tong University, Shanghai
Xiao Lei Wu, Inst of Mech, CAS, Beijing
Nai Rong Tao, Inst of Met Res, CAS, Shenyang
Sai Yi Li, Central South University, Changsha
Jian Lu, Hong Kong Polytechnic Univ, Hong Kong

Jacob Chih-Ching Huang, NSYSU, Kaohsiung
Zhe Feng Zhang, Inst of Met Res, CAS, Shenyang
Xiao Nong Cheng, Jiangsu University, Zhenjiang
Wen Bo Du, Beijing Univ of Tech, Beijing
Jun Bao Zhang, Baoshan Iron & Steel Co., Ltd, Shanghai

Conference Sponsors

National Natural Science Foundation of China
The Ministry of Science and Technology of China
Institute of Metal Research, CAS
Baoshan Iron & Steel Co., Ltd

Scope & Topics

NanoSPD5 will continue the tradition of the conferences held in Moscow, Vienna, Fukuoka and Goslar. Thus, the key topics of the conference will include

- Evolution of Microstructures
- Mechanical and Physical Properties
- Development of Processing
- Innovation and commercialization
- Other new developments relevant to the field

NanoSPD5 will provide a forum for intensive discussions and exchanges of ideas for all those interested in basic aspects and applications of ultrafine grained and nanostructured materials produced through plastic deformation processing. Top and active scientists will be invited to give keynote and invited lectures at the conference.

Abstract Submission

Abstracts for both oral and poster presentations are to be submitted by June 1, 2010 via conference website http://www.NanoSPD5.org, or sending emails with abstract to spd@mail.njust.edu.cn. A letter of approval will be sent by e-mail to the corresponding author of each
Language

The conference language is English.

Proceedings

All papers presented at NanoSPD5 will appear in a special issue of Materials Science Forum, published by Trans Tech Publications in Switzerland (http://www.ttp.net). All papers will be peer reviewed and must be received no later than Oct 10, 2010 via website http://www.NanoSPD5.org or sending emails with the paper to spd@mail.njust.edu.cn. For further details see the conference website.

Registration

Participants can register electronically at the conference website http://www.NanoSPD5.org, by sending emails with registration form to spd@mail.njust.edu.cn, or by sending the registration form to conference secretariat by regular mail or fax.

Conference Fee

<table>
<thead>
<tr>
<th>Registration by Jan 10, 2011</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Participant (outside China)</td>
<td>€550</td>
<td></td>
</tr>
<tr>
<td>Regular Participant (Inside China)</td>
<td>€380</td>
<td></td>
</tr>
<tr>
<td>Student</td>
<td>€280</td>
<td></td>
</tr>
<tr>
<td>Accompanying person</td>
<td>€280</td>
<td></td>
</tr>
<tr>
<td>Registration after Jan 10, 2011</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regular Participant (outside China)</td>
<td>€650</td>
<td></td>
</tr>
<tr>
<td>Regular Participant (Inside China)</td>
<td>€450</td>
<td></td>
</tr>
<tr>
<td>Student</td>
<td>€320</td>
<td></td>
</tr>
<tr>
<td>Accompanying person</td>
<td>€320</td>
<td></td>
</tr>
</tbody>
</table>

The conference fees include admission to the presentations, the proceedings of the conference, refreshments, lunches on five days, a welcome dinner and a conference banquet.

Key Dates

Deadline for Abstract submission: 1 June, 2010
Notification of acceptance: 1 July, 2010
Submission of manuscripts by: 10 Oct, 2010
Reduced registration fee until: 10 Jan, 2011
Registration deadline: 15 Feb, 2011

Conference Secretariat

Prof. Sen Yang
Dr. Yu Lei Du
School of Materials Science & Engineering
Nanjing University of Science & Technology
No.200, Xialingwei, 210094, P.R.China
Tel/Fax: 86-25-84303983
E-mail: spd@mail.njust.edu.cn

CALL FOR PAPERS

The 5th International Conference on Nanomaterials by Severe Plastic Deformation

March 21-25, 2011
Nanjing China

Organized by Nanjing University of Science and Technology

http://www.NanoSPD5.org