

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.

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Conference Sponsors

National Natural Science Foundation of China
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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

submitted abstract by **July 1, 2010**. A condition of submission is that accepted papers will be presented at the conference by one of the authors.

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

Registration by Jan 10, 2011

Regular Participant (outside China)	€550
Regular Participant (Inside China)	€380
Student	€280
Accompanying person	€280

Registration after Jan 10, 2011

Regular Participant (outside China)	€650
Regular Participant (Inside China)	€450
Student	€320
Accompanying person	€320

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
NanoSPD5 Conference	21-25 March, 2011

Conference Secretariat

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Conference website: <http://www.NanoSPD5.org>

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March 21-25, 2011
Nanjing China

Organized by
*Nanjing University of Science and
Technology*

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