

Scope & Topics

NanoSPD5 will continue the tradition of the conferences held in Moscow, Vienna, Fukuoka and Goslar, and the new developments in this area. Thus, the key sessions of the conference will be:

- ✧ Processing techniques (modeling and experimental developments)
- ✧ New processing routes (SPD-induced consolidation, SPD-induced nanocrystallization, etc.)
- ✧ Microstructure evolution and grain refinement by SPD (in case of metals)
- ✧ Grain refinement and phase transformation by SPD (in case of alloys and composites)
- ✧ Mechanical behavior and properties
- ✧ Functional properties
- ✧ Nanostructuring by surface processing
- ✧ Innovations and applications

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.

Keynote and Invited Speakers

Ke Lu, Shenyang, China
Marc Andre Meyers, San Diego, USA
Gerhard Wilde, Münster, Germany
Xavier Sauvage, Rouen, France
Reinhard Pippan, Leoben, Austria
Irene J. Beyerlein, Los Alamos, USA
Sergey V. Dobatkin, Moscow, Russia
Jian Lu, Hong Kong, China
Mathias Göken, Erlangen, Germany
Yulia Ivanisenko, Karlsruhe, Germany

Alexander P. Zhilyaev, Madrid, Spain
Hyoung Seop Kim, Pohang, Korea
Atul H. Chokshi, Bangalore, India
Olivier Bouaziz, Maizières les Metz, France
Xiaozhou Liao, Sydney, Australia
Hans J. Roven, Trondheim, Norway
Yannick Champion, Paris, France
Boris Straumal, Chernogolovka, Russia
Terry Lowe, New York, USA
Walter J. Botta F., São Carlos, Brazil
Erhard Schafner, Wien, Austria
Viktor Varyukhin, Donetsk, Ukraine
Xiao Lei Wu, Beijing, China
Koichi Tsuchiya, Tsukuba, Japan

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Terence G. Langdon, Los Angeles, USA

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Ke Lu, Shenyang, China

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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
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Conference Sponsors

National Natural Science Foundation of China
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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.

Conference Venue

NanoSPD5 will be held in Nanjing, an ancient and also a modern city in the eastern part of China. The conference will take place at the campus of Nanjing University of Science and Technology (<http://english.njust.edu.cn>).



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 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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The 5th International Conference on Nanomaterials by Severe Plastic Deformation



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