

The International Conference on NanoToxicology

(ICNT2008)

Zhengzhou, CHINA

Sept. 17 (Wednesday) - 19 (Friday), 2008

Second Announcement Call for Abstracts

■ About the Conference

The International Conference on NanoToxicology (ICNT2008), will be held in Zhengzhou, China, from Wednesday Sept. 17 to Friday Sept. 19, 2008, as a satellite event of the 10th Annual Conference of Chinese Association for Science and Technology (CAST). It will provide an international forum for presentation and discussion of exciting new advances in this emerging research area. Not only does the ICN2008 choose the basic sciences of nanotoxicological research and nanosafety evaluation as the focal points for exploration, but it also spans the breadth of the subjects to regulatory procedures, environmental impacts, risk assessment, and other applications in relevant fields. The ICNT2008 will be dynamic, interactive, and intellectually stimulating. It will provide a unique opportunity for experienced scientists to exchange ideas, a casual place for attendees to establish collaborations, and a learning experience for students and post/docs. Those who are interested in nanotoxicology and who are from universities, institutes, laboratories and companies throughout the world are encouraged to participate and make contributions. Due to the limited space, the numbers of participants are expected to be limited to about 150 persons.

■ Organization

ICNT2008 is co-organized by the Chinese Society of Toxicology (CST) and the National Center for Nanosciences and Technology of China. The event is also sponsored by Zhengzhou University, Chinese Association for Science and Technology (CAST), American Association of Chinese in Toxicology, National Natural Science Foundation of China, and Chinese Academy of Sciences.

■ Scientific Programme and Topics

ICNT2008 will cover the scientific topics including,

1. Nanotechnology, their Applications and related Human Health Effects;
2. Systemic, Cellular and Molecular Toxicities of Nanomaterials;
3. Toxicological and Nanobiological Aspects in Nanomedicines;
4. Environmental Nanotoxicology: Ecological Effects of Nanomaterials;
5. Risk Assessment and Regulatory Issues;
6. Standardization of Nanotechnology and Future Directions.

Invited Speakers

Dr. Kai Savolainen (Sweden),

Title: Current understanding of safety of engineered nanomaterials -Existing knowledge gaps

Dr. Tetsuo Satoh (Japan)

Title: Novel Biomarker of organophosphate insecticide exposure

Dr. Chiu-wing Lam (NASA, USA)

Title: Assessment of occupational and environmental health risks of pulmonary exposure to carbon nanotubes and other nanomaterials.

Dr. Raymond Yang (Colorado State University, USA)

Title: Pharmacokinetics and physiologically-based pharmacokinetic modeling of nanoparticles

Dr. Anna Fan (California EPA, USA)

Title: Nanotoxicology: Health, risk assessment and regulatory issues

Dr. Frank Chen (Lawrence Berkeley National Laboratory, Berkeley, USA)

Title: Bio-nano hybrids and Bio-nano interactions

Dr. Ling-Hong Li (California EPA, USA)

Title: Reproductive toxicity of nanomaterials: What can we learn from our experience in phthalates.

- Dr. Xian`en Zhang, The Ministry of Science and Technology of China,
Title: Nanomachine: Safe operation in vivo
- Dr. Pingkun Zhou (CST, China)
Title: DNA damage signaling and genotoxicity of nanomaterials.
- Dr. Xing Zhu, (Peking University, China)
Title: Standardization of nanotechnology in China
- Dr. Dianhong Shen (NCNST and CAS, China)
Title: Risk assessment and regulatory issues of nanotechnology
- Dr. Yuepu Pu (Southeast University, China)
Title: Preparation and biodistribution of tyrosine multiwalled carbon nanotubes
- Dr. Yuliang Zhao (CAS, China)
Title: The nanotoxicology of manufactured nanoparticles: What are different from the traditional toxicology?
- Dr. Chunying Chen (NCNST, China)
Title: Neural toxicity of titanium oxide nanoparticles in vivo
- Dr. Haifang Wang (Peking University, China)
Title: Biological behavior of carbon nanotubes in vivo
- Dr. Weiyue Feng (IHEP, China)
Title: Nanotoxicity of metallic oxide nanomaterials and their physiochemical characterization

■ Abstract Submission

Abstract on A4-size or 8"x 11" paper can be submitted at any time from now until the deadline of 1 July 2008. The content should include a title, author(s) and affiliation(s), background, objectives, methods, results, and conclusions. One figure or table along with limited references may be included. The entire abstract including title and references must not exceed 1000 words. All abstracts can be submitted by email as an attachment or submitted online on the congress website found. The author needs to use the ICNT2008 *Abstract Template* which can be downloaded from the Conference web site (<http://www.chntox.org>), or may send an email to zhao-office@ihep.ac.cn to request the *Template*.

If the abstract is submitted by email, it should be submitted together with the Abstract Submission Form (see **Appendix 1**).

■ Proceedings

All abstracts that are presented at the Conference will be published as the formal Proceedings of Chinese Association for Sciences and Technology, which is cited by ISTP database. The Proceedings published by the Chinese Association for Sciences and Technology will be made available at the Conference. The outstanding original papers presented at the Conference, as per request, will be peer-reviewed and recommended to publish at a peer-reviewed SCI journal in the field of nanosciences and nanotechnology.

■ Presentations in the Meeting

All accepted papers will be presented either orally or as posters. For oral contributions, PowerPoint presentation is highly encouraged, while overhead projectors will be made available if requested at least one week before the Conference.

■ Industrial Exhibition

An industrial exhibition is envisaged. Companies related to or interested in the conference topics are encouraged to contact Ms Xiangxue Shen at chntox@yahoo.com.cn, or, Dr Xueling Chang at zhao-office@ihep.ac.cn

■ Registration and Fees

All prospective participants are required to fill in the Registration Form (see **Appendix 2**) and send it to the Conference Local Organizing Committee before Aug. 15, 2008. After this date an increased registration fee will be charged. The registration fee will cover the expenses pertinent to welcoming reception, banquet, lunches, program booklet, proceedings, and other activities. The Registration Form is available at the conference web site: <http://www.chntox.org>, or please send an email to

zhao-office@ihep.ac.cn to request the Registration Form in email.

Fee Schedule

	Before Aug. 15, 2008	After Aug. 15, 2008
Regular participant	US\$450	US\$550
Student	US\$250	US\$350
Retired participant	US\$250	US\$350
Accompanying person	US\$150	US\$200

The congress meals and 3 nights of accommodation are included in the registration fee.

■ **Venue and Accommodations**

The Conference will be held in Zhengzhou, the capital of Henan Province and one of the oldest cities in China. Zhengzhou, near Yellow River, is a nationally renowned historical and cultural city. It became an important metropolis during the Shang dynasty as early as 3500 years ago and was a capital during the five dynasties of Xia, Shang, Guan, Zheng, and Han. The long history and civilization have made Zhengzhou rich in humanistic scenery, where 137 locations are conserved at national or provincial levels. Everywhere, the historic sites are mingled with modern architectures, traditional cultures mingled with modern metropolitan life, and old tricycles mingled with smart cars. In addition, the Shaolin Temple, where the magnificent Chinese martial art – Kung Fu– originates, can be reached within about 1-2 hour bus drive.

Rooms are available inside or near the Conference venue and will be arranged by the organization. Please fill the Room Reservation Form in **Appendix 3**. Further information on accommodations will be announced in the second circular and also on the web site.

■ **Visa**

Participants who require visa to enter China should contact the Chinese Embassy or Consulate in their respective countries well in advance, *e.g.* 2-3 months, of the Conference date. The Conference office will provide necessary documents for submission to the Chinese Embassy or Consulate upon the receipt of your request and registration fee.

■ **Further Information**

The Third Announcement and Final Programme of the Conference will be sent to all registered participants by Aug. 20, 2008.

■ **Important dates**

July 01, 2008: Deadline for Abstracts
July 20, 2008: Notification of Acceptance
Aug. 15, 2008: Deadline for Registration
Sep. 16, 2008: On-site meeting registration
Sep. 17-21, 2008: ICNT2008

➤ **Conference Chair:**

Prof. Yuliang Zhao, China Nanosafety Lab, CAS; National Center for Nanoscience and Technology of China; and Institute of High Energy Physics, CAS

Co-Chair:

Prof. Pingkun Zhou, the Chinese Society of Toxicology; and Beijing Institute of Radiation Medicine, AMMS

Vice Chairs :

Prof. Wei Zheng, Purdue University and American Association of Chinese in Toxicology (USA).

Prof. Mingyang Liao, Beijing Institute of Pharmacology and Toxicology, AMMS, and The Chinese Society of Toxicology

➤ **Secretary-general**

Prof. Chunying Chen, National Center for Nanosciences and Technology of China

➤ **Organizing Committee**

Chair :

Prof. Pingkun Zhou, the Chinese Society of Toxicology; and Beijing Institute of Radiation Medicine, AMMS

Co-Chair:

Prof. Ning Gu, South-East University

Vice Chairs :

Prof. Mingyang Liao, Beijing Institute of Pharmacology and Toxicology, AMMS, and The Chinese Society of Toxicology

Prof. Yiming Wu, Zhengzhou University, and the Chair of the Section of Immunotoxicology of CST.

Prof. Chunxia Wang, National Natural Science Foundation of China

Secretary-general :

Prof. Chunying Chen, National Center for Nanoscience & Technology of China

➤ **Program Committee**

Chair:

Prof. Wei Zheng, Purdue University and American Association of Chinese in Toxicology (USA).

Co-Chair:

Prof. Zhixiong Zhuang, Chinese Society of Toxicology

Vice Chairs :

Prof. Mingyang Liao, Beijing Institute of Pharmacology and Toxicology, AMMS, and The Chinese Society of Toxicology

Prof. Chunying Chen, National Center for Nanoscience and Technology of China

■ **Contact persons and Addresses**

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The Chinese Society of Toxicology

Beijing Institute of Radiation Medicine

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P. R. China

TEL: +86-10-66932387

TEL/ FAX: +86-10-68183899

Email: chntox@nic.bmi.ac.cn; chntox@yahoo.com.cn

■ **Appendices 1-4**

Appendix 1. Abstract Submission Form

Abstract Submission Form

Please fill in one form per abstract;
Return together with the abstract preferably before June 15, 2008
by E-mail to Ms Xiangxue Shen at chntox@yahoo.com.cn, or,
Dr Xueling Chang at zhao-office@ihep.ac.cn

The International Conference on NanoToxicology 2008

1. Presenting Author

Title Prof. Dr. Mr. Ms.

Family name _____ First name _____ Middle name _____

Organization _____

2. Mailing address _____

Phone (country & city codes, number, extension if any) _____

Fax _____ E-mail _____

3. Title of Abstract _____

4. Co-authors _____

5. Scope of the Abstract related to the number in Scientific Programme topic (1-6) _____

6. Prefer Oral or Poster: Invited Oral Poster

Appendix 2. Registration Form

Registration Form

Return preferably before Aug. 1, 2008 to Ms Xiangxue Shen at chntox@yahoo.com.cn,
or, Dr Xueling Chang at zhao-office@ihep.ac.cn

The International Conference on NanoToxicology 2008

Registration Ms Mr

Family Name _____ First Name _____ Title _____

Organization _____

Street address / P.O.Box _____

City _____ Post code _____.

Country: _____

TEL: _____ FAX: _____.

Email: _____.

Date: _____.

Appendix 3. Hotel Reservation Form

Hotel Reservation Form		
Return preferably before Aug. 1, 2008 to Ms Xiangxue Shen at chntox@yahoo.com.cn , or, Dr Xueling Chang at zhao-office@ihep.ac.cn		
The International Conference on NanoToxicology 2008		
I would like to book in		
Hotel _____	from _____	to _____ 2008.
Please make a reservation for me in		
<input type="checkbox"/> Single Occupancy <input type="checkbox"/> Double Occupancy		
Name of roommate _____		
Date of arrival _____	Date of departure _____	Number of nights _____

Single occupancy of a standard room: US\$ 75 *per person per diem*

Double occupancy in a standard room: US\$ 45 *per person per diem*

Appendix 4. Payment of Conference fees

Payment Form		
Return preferably before Aug. 1, 2008 to Ms Xiangxue Shen at chntox@yahoo.com.cn , or, Dr Xueling Chang at zhao-office@ihep.ac.cn		
The International Conference on NanoToxicology 2008		
Family Name _____	First Name _____	Title _____
Organization _____		

1. Registration Fee, Type: _____	Amount: _____	US\$
2. Hotel Fee, Type: _____	Amount: _____	US\$
Total amount _____		US\$
3. The way you pay for the conference		
I claim that I will pay the total amount of conference fees to the conference desk at the conference site.		
Signature: _____	Date: _____	

Registration Fee

Type	Before Aug. 15, 2008	After Aug. 15, 2008
1. Regular participant	US\$450	US\$550
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4. Accompanying person	US\$150	US\$200