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**THE 2ND ASIAN SYMPOSIUM ON
ADVANCED MATERIALS**
Chemistry of Functional Materials
(ASAM-2)

Second Circular



**October 11~14, 2009
Shanghai, China**

**Organized by
Department of Materials Science &
Advanced Materials Laboratory
Fudan University, China**

For more information, please contact:

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<http://mse.fudan.edu.cn/asam2009/index.htm>



**THE 2ND ASIAN SYMPOSIUM ON
ADVANCED MATERIALS**
Chemistry of Functional Materials
(ASAM-2)

Organizer: Department of Materials Science &
Advanced Materials Laboratory
Fudan University, China

Sponsored by: National Natural Science Foundation of China
China Materials Research Society

Scientific Topics:

- 1. Synthesis and characterization of Advanced Functional Materials (Organic, inorganic and hybrid)**
- 2. Properties and applications of Advanced Functional Materials**
- 3. Nanotechnology for Advanced Functional Materials**

(Includes but not limited)

Organizing Committee

Co-Chairs: Limin Wu, Shanghai, China

Dongyuan Zhao, Shanghai, China

International Advisory Committee:

Vyacheslav Bouznik (Moscow, Russia)	Alexei Khokhlov (Moscow, Russia)
Li-Jen Chen (Taiwan, China)	Sung-Chul Kim (Taejon, Korea)
Jianping Gong (Sapporo, Japan)	Teck-Peng Loh (Singapore, Singapore)
Chang-Sik Ha (Pusan, Korea)	Valentin Parmon (Novosibirsk, Russia)
Toyoko Imae (Iokohama, Japan)	Yury Shchipunov (Vladivostok, Russia)
Ming Jiang (Shanghai, China)	Atsushi Takahara (Fukuoka, Japan)
Jung-IL Jin (Seoul, Korea)	

Local Organizing Committee:

Jianhua Dong (Beijing, China)	Yi Tang (Shanghai, China)
Lei Jiang (Beijing, China)	Peiyi Wu (Shanghai, China)
Jiaping Lin (Shanghai, China)	Jian Xu (Beijing, China)
Qinghua Lu (Shanghai, China)	Yanlei Yu (Shanghai, China)
Jin Ma (Beijing, China)	Meifang Zhu (Shanghai, China)
Zhengzhong Shao (Shanghai, China)	

General Secretary :

Ying Yu, Shanghai, China

Yanlei Yu, Shanghai, China

Shuxue Zhou, Shanghai, China





● INVITED SPEAKERS

This symposium will include plenary lectures, Keynote lectures, invited lectures, and contributed papers in oral and poster presentations.

▶ Plenary Lectures

1. **Tomiki Ikeda** (*Tokyo Institute of Technology, Yokohama, Japan*)
Photomobile Polymer Materials - From Nano To Macro
 2. **Lei Jiang** (*Chinese Academy of Sciences, China*)
Bio-Inspired, Smart, Multiscale Interfacial Materials
 3. **Jung-IL Jin** (*Korea University, Seoul, Korea*)
Challenges and Visions for Chemical Scientists in the 21st Century
 4. **Alexei Khokhlov** (*Moscow State University, Russia*)
Self-Assemblies of Amphiphilic Polymers
 5. **Takuzo Aida** (*Univ Tokyo, Tokyo, Japan*)
Programmed Molecular Assembly for Tailored Functional Materials
- ### ▶ Some Keynote Lectures
6. **Jianping Gong** (*Hokkaido University, Sapporo, Japan*)
Hydrogel: A Novel Material for the Age of Life Science
 7. **Toyoko Imae** (*Keio University, Yokohama, Japan*)
Are Dendritic Polymers possible to be advanced materials?
 8. **Atsushi Takahara** (*Kyushu University, Fukuoka, Japan*)
Molecular Aggregation States and Physicochemical Properties of Soft Interfaces
 9. **Sung-Chul Kim** (*KAIST, Daejeon, Korea*)
Multi-phase Polymer Membranes for Direct Methanol Fuel Cell

10. **V. M. Buznik** (*Russia*)
Fluoropolymer Materials in Countries of Asian-Pacific Region: R&D, Production and Market
11. **Yury Shchipunov** (*Institute of Chemistry, Vladivostok, Russia*)
Biomimetic Approaches To The Synthesis Of Inorganic Oxides Ob Biopolymer Templates
12. **Gion Calzaferri** (*University of Berne, Bern, Switzerland*)
Manipulation of Energy Transfer Phenomena within the Channels of Zeolite L
13. **Li-Jen Chen** (*National Taiwan University, Taiwan, China*)
Superhydrophobic Surfaces and Contact Angle Hysteresis
14. **Zhi-Kuan CHEN** (*Institute of Materials Research & Engineering Singapore*)
Organic Semiconductors for Low Cost Electronics
15. **Yong Zhang** (*National University of Singapore, Singapore*)
Core/Shell Silica Coated Nanoparticles with Strong NIR-To-Visible up Conversion Fluorescence
16. **Benzhong Tang** (*Hong Kong Univ. of Sci. & Tech., Hong Kong, China*)
Aggregation-Induced Emission
17. **Min Wang** (*The University of Hong Kong, Hong Kong, China*)
Nanocomposites for Human Tissue Repair and Regeneration
18. **Zuwei Xie** (*Chinese University of Hong Kong, Hong Kong, China*)
Group 4 Metallocarboranes: Robust Catalysts for Construction of C-N Bonds
19. **Jie Xu** (*Chinese Academy of Sciences, Dalian, China*)
Challenge of Catalysis: Selective Oxidation of Hydrocarbon
20. **Jun-Jie Zhu** (*Nanjing University, Nanjing, China*)
Fabrication of Biosensors Based on Three-Dimensionally Ordered Macroporous Films

.....Still to come





► **Invited Lectures** (to be reconfirmed)

21. **Shizhang Qiao** (Australia)
Magnetic Porous Materials For Bio-Adsorption
22. **Guoxiu Wang** (Australia)
(Accepted the Invitation to ASAM-2)
23. **T. P. Radhakrishnan** (India)
Molecular Optical Materials: Form - Function Correlations in Crystals,
Nanocrystals and Ultrathin Films
24. **Giuseppe Mele** (Italy)
(Accepted the Invitation to ASAM-2)
25. **Jin Kon Kim** (Korea)
Functional Nanomaterials based on Nanoporous Block Copolymers
26. **Juozas Vidas Grazulevicius** (Lithuania)
Charge-Transporting Polymers and Molecular Glasses for Optoelectronic
Applications
27. **Farid Akhtar** (Pakistan)
Pulse Current Processing of Hierarchically Porous Monoliths from Macro and
Microporous Powders
28. **Sergey Gnedenkov** (Russia)
Properties and application field of the heterooxide layers formed on the metals
and alloys by Plasma Electrolytic Oxidation
29. **Galina Kovalenko** (Russia)
Peculiarities Of Synthesis Of Filamentous Carbon By Catalytic Pyrolysis Of
Alkanes On Supporting Ni- Or Co-Nanoparticles And Application Of These
Composite Carbon-Mineral Adsorbents In Biocatalysis
30. **Valentina Vasilevskaya** (Russia)
Supramolecular assemblies of amphiphilic homopolymers
31. **Konstantin Neyman** (Spain)
DFT Studies of Functional Materials Based on Nanoparticles
32. **Darhao Chen** (USA)
Innovative Materials for Highway Pavements
33. **Bingqing Wei** (USA)
Carbon Nanotubes for Energy Applications
34. **Deliang Chen** (China)
Synthesis, Structures and Properties of Hierarchical
Tungsten-Oxide-Nanoplate-Based Combinational Nanostructures
35. **Liang-Yin Chu** (China)
Stimuli-Responsive “Smart” Membrane Materials and Processes
36. **Zhaoxiang Deng** (China)
DNA-based Assembly toward Hybrid Nanomaterials and Functioning
Molecular Machines
37. **Zengguo Feng** (China)
Preparation and Self-assembly of Amphiphilic Polyrotaxanes and Application
as Carrier for Controlled Drug Release
38. **Shaoyun Fu** (China)
Physical Properties of Advanced Functional Polymer Nanocomposites
39. **Xiang Gao** (China)
Synthesis and Charactrization of Fullerooxazoles Prepared Using Anionic
Fullerenes
40. **Changyou Gao** (China)
Self-assembled Multilayer Microcapsules with Tailored Structures and
Properties
41. **Junhui He** (China)
Fine control over the morphology and structure of mesoporous silica
nanomaterials
42. **Zhengming Huang** (China)
Drug-loaded tissue sutures developed from electrospun nanofibers
43. **Peiqing La** (China)
Fe-Al-Me Bulk Metallic Glass Prepared By Aluminothermic Reactions





44. **Song Liang** (*China*)
Formation trends of InAs quantum dots on GaAs(100) vicinal substrates
45. **Xinmiao Liang** (*China*)
Sub-2um Silica and Organosilica: Applications in HPLC
46. **Huanrong Li** (*China*)
Luminescent Soft Materials Derived from Task-Specific Ionic Liquid and Lanthanide Compounds
47. **Kwok Yiu Li** (*China*)
Fabrication and Characterization of Polymer Matrix Nanocomposites
48. **Changjun Liu** (*China*)
Preparation of Highly Dispersed Noble Metal Nanoparticles in the Channels of Mesoporous Materials
49. **Fongyuan MA** (*China*)
The Fatigue Initial Point Behavior of SUS 630 based on the Pitting Corrosion Condition
50. **Zhiyu Min** (*China*)
Brownian Dynamics Simulation of Molecule Dynamics of Dilute Polymer Solution
51. **Li Niu** (*China*)
Chemically Converted Graphene: Functionalization and Nanocomposites
52. **Gaoquan Shi** (*China*)
Electrosynthesis and Applications of the Nanomaterials of Conducting Polymers
53. **Hong Sun** (*China*)
Design Super-Hard Materials
54. **Qiang Wang** (*China*)
In Situ Fabrication Of Graded And Aligned Functional Materials By High Magnetic Fields
55. **Yanqin Wang** (*China*)
Design and Synthesis of Functional Mesoporous Materials
56. **Yuansheng Wang** (*China*)
Spectrum Modification Transparent Glass Ceramics Potentially Applicable in Enhancing Energy Efficiency of Silicon Solar Cell
57. **Guozhong Wu** (*China*)
Phase Transition of Ionic Liquid under Nano-confinement and Properties of Hybrid of Ionic Liquid and nanomaterial
58. **Changrong Xia** (*China*)
Nanoscale Ceramic Electrodes For Solid Oxide Fuel Cells
59. **G. W. Yang** (*China*)
Novel Nanostructures from Laser Ablation In Liquid
60. **Xiaoni Yang** (*China*)
Novel Conceptions and Approaches towards Optimized Morphology for High-Performance Polymer Solar Cells
61. **Juiming Yeh** (*China*)
Advanced Anticorrosion Coatings Prepared from Polymer-Clay anocomposite Materials
62. **Zhongyong Yuan** (*China*)
Hierarchical Porous Structured Organophosphonate Hybrid Materials For Multifunctional Applications
63. **Can Zhang** (*China*)
Amphiphilic Chitosan Derivatives in Drug Delivery System
64. **Cheng Zhang** (*China*)
Manipulation of Conductive Networks in Carbon Fill
65. **Junyan Zhang** (*China*)
The Structure and Tribology of Organic Thin Films
66. **Lizhi Zhang** (*China*)
Development of Vapor-Permeable Membranes for Heat and Moisture Recovery
67. **Weide Zhang** (*China*)
Construction and Applications of Carbon Nanotubes-Semiconductive Oxide Hybrid Nanostructured Materials





68. **Yapu Zhao** (*China*)
First Principle Study on Novel Chemical Sensor Based on Nano-structured Functional Materials
69. **Yijiang Zhao** (*China*)
Preparation and Application of Polyacrylamide/Org-attapulgate Composite
70. **Li Zhen** (*China*)
An Attempt to Modify Nonlinear Optical Effects of Polymers by Adjusting the Structure of the Chromophore Moieties with Suitable Isolation Groups at Molecular Level
71. **Xiangming He** (*China*)
(Accepted the invitation to ASAM-2)
72. **Qiang Peng** (*China*)
(Accepted the invitation to ASAM-2)

.....*Still to come*

● FINAL CALL FOR PAPERS

More contributions of papers as keynote lectures, invited lectures, oral or poster presentations for the program of ASAM-2 in any related topics are being sought. Both oral and poster presentations are recognized to carry equivalent scientific status in the program. To contribute a paper, submit the title in the space provided on the Registration Form included in this Brochure. The organization committee reserves the right to schedule contributions of oral papers as posters if necessary. The papers will be selected to publish in SCI or EI Journals after this symposium.

● SCIENTIFIC PROGRAM INFORMATION

▶ Language

The official language of the symposium is “English”.

▶ Submitting Abstracts

Please submit the abstracts by e-mail to the ASAM-2 Secretariat (asam2009@gmail.com) before May 30, 2009. The abstracts should specify the purpose, methodology, results and conclusions, and also should indicate the substantive technical or programmatic contents. Detailed procedure will be available in the conference website. The conference coordinators will review each abstract, and make acceptance recommendation to the Program Committee for the final selection. The secretariat will notify the acceptance of abstracts.

Their length is within two pages (A4 format, 21 cm wide by 29.5 cm high) with typing area of 16 cm wide by 23 cm high and leaving 2.5 cm margins, including figures and references. The title should be typed in capital letters. The following lines should contain the authors' names and affiliation(s). If there are several authors on the abstract, please underline the name who will present it. The abstract should be typed as single-spaced with Times New Roman of 12 points size by using MS Word. The further details may be found on the website.

▶ Presentation

The presentation time including discussion will be 40 minutes for plenary lecture, 30 minutes for keynote lecture and 20 minutes for invited lecture or oral presentation, respectively. Lecture venue will be equipped with a Multimedia digital projector and an overhead projector.

▶ Poster

A 90.0 cm width × 120.0 cm height board will be allowed for each poster presentation.





► **Post-Symposium (Oct 15, 2009)**

One-day tour is organized in Zhouzhuang that is a popular touristy destination. It is one of the most famous water townships in China, noted for its profound cultural background, well preserved ancient residential houses, picturesque water scenery and strong local colored traditions and customs. It has been called the "Venice of the East".

● **REGISTRATION**

Please complete the Registration Form enclosed, and return it by fax or e-mail to the ASAM-2 Secretariat (asam2009@gmail.com) with proper payment before August 1, 2009.

Registration form can also be downloaded through the website <http://asam2009.fudan.edu.cn> or <http://mse.fudan.edu.cn/asam2009/index.htm>.

► **Registration and Post-Symposium Tour Fees**

All of the participants are required to pay registration fees. The standard registration fee is US\$ 350 before August 1, 2009, which covers registration materials, conference proceedings, reception, refreshments, lunch and dinner. The registration fee for each accompanying person or student is US\$ 200. The post- symposium tour fee for each person is US \$100 before August 1, 2009, which covers the bus trip, entrance fees, regular meals for one day, the English-speaking guide and insurance. Deadline for earlier registration is described as follows.

In case of not being able to transfer the fees before the deadline, please pay by cash in RMB on the registration day. But the secretary should be notified in advance.

<i>Registration fee</i>	<i>Before or on August 1, 2009</i>	<i>After August 1, , 2009</i>
Full delegate	US\$ 350	US\$ 400
Student accompanying person	US\$ 200	US\$ 250
Post-symposium tour	US\$ 100	US\$ 150

● **ACCOMMODATION**

A large number of hotel rooms with reduced conference prices have been reserved for conference participants in the 5-star Crown Plaza Fudan Shanghai, 4-star Fuxuan Hotel (all events at ASAM-2 will be held in this Hotel) , and Yanyuan Hotel. The Crown Plaza Fudan Shanghai and Yanyuan Hotel is 5 to 10 minutes walk away from the Fuxuan Hotel.

We will confirm your hotel room reservation once we receive your Registration Form.

To secure your accommodation, the participants should complete the Hotel Reservation Form, and return it to the Secretariat before August 1, 2009.

► **Room Rates per Night**

(Including service charges with breakfast)

Crown Plaza Fudan Shanghai	Fuxuan Hotel		Yanyuan Hotel
Single (Twin) Room	Single (Twin) Room	Single (Twin) Suite	Single (Twin) Room
RMB 750	RMB 400	RMB 700	RMB 240

The detailed information about the hotels will be provided in the Conference website <http://asam2009.fudan.edu.cn> or <http://mse.fudan.edu.cn/asam2009/index.htm>.



• GENERAL INFORMATION

▶ Passport and Visa

A valid passport and visa for visiting China are required. To request a letter of invitation, please contact: Mrs. Ying Yu through email: asam2009@gmail.com.

▶ Insurance

The organizers can not be responsible for personal accidents or material damage, which may occur to the participants during the conference or tours. All the participants are advised to make their own arrangements in respect to health and travel insurance before commencing their journey to the conference.

▶ Climate

The weather in Shanghai is its best during the Symposiums and the temperature ranges between 15°C-30°C (59°F-86°F).

▶ Reconfirmation Air Ticket

Departure air tickets (both international and domestic) should be reconfirmed 72 hours in advance by calling the related airline office.

▶ Currency Exchange

In China, only RMB is used. However, exchange centers can be found at airports, most hotels and large shopping centers. The rate of exchange is about US\$1.00 =RMB6.9 Yuan recently. When exchange money, please keep care your receipt by which you can change any remaining RMB back to foreign currency when you leave China. Visa, Master, American Express, Diners Club, JCB and other credit cards are accepted in many department stores and hotels. But it might be difficult to draw cash with credit cards. The Bank of China and most hotels can cash traveler checks issued by any foreign bank or financial institution. Participants will need to show their passport and pay a

three-percent commission. Travelers' checks signed over to a third party can not be cashed in China, but can be presented to collection through the Bank of China.

▶ Transportation to Fuxuan Hotel

The distance from Pudong International Airport to Fuxuan Hotel is about 50 km. It will take around 60 min by Taxi. You can take the Airport Bus Line No.4: from Pudong International Airport to Fudan University (about 20 RMB, from 07:00~22:00), then walk to the Fuxuan Hotel.

The distance from Hongqiao International Airport to Fuxuan Hotel is about 30 km. It will take about 40 min by Taxi.

• SYMPOSIUM SCHEDULE

Date	Morning	Afternoon	Evening
Oct. 11 (Sunday)	Registration 8:30-21:00		
Oct.12 (Monday)	Opening Ceremony & Plenary Sessions 8:30-12:20	Technical Sessions 14:00-18:00	Banquet 18:00
Oct.13 (Tuesday)	Technical Sessions 8:30-12:20	Technical Sessions 14:00-15:40 Poster Session 15:40-17:40	
Oct. 14 (Wednesday)	Technical Sessions 8:30-12:20	Plenary Sessions 14:00-15:40 Closing ceremony 15:40-16:30	





• PAYMENT

▶ Payment in Advance (US dollars) :

Only US dollars can be paid in advance by bank transfer in the following payment routing information:

1. For Credit to:

Account Name: Fudan University
Account Number: 044159-8850-05131208093001
Bank Name: Bank of China Shanghai Guo Ding Road Sub-Branch
Bank Address: No. 290 Guo Ding Road, Shanghai, China, 200433
Bank Swift Code: BKCHCNBJ300

2. For further Credit to Beneficiary:

Fudan University
No. 220 Handan Road, Shanghai, 200433, China

3. Message:

ASAM-2 and Participant Name

4. Payment on-site

The cash in RMB is acceptable.

Note

1. In order to avoid any trouble in money transfer, if you pay by bank transfer, please do send a copy of the remittance sheet together with your Registration Form.
2. Personal checks are not acceptable for the payment.
3. Bank charge will be borne by the participants.

• IMPORTANT DEADLINES

Before May 30, 2009

- Abstract submission

Before August 1, 2009

- Registration Form and Registration Fee
- Post-Conference Tour Fee

Please take me to Fuxuan Hotel
(Tel: 55589518)
请送我到复宣酒店
(复旦大学新闻学院培训中心)
上海市国定路400号。谢谢!



Registration Form _____

Secretariat use only
Reg. No.

ASAM2009

October 11-14, 2009

Shanghai, China

Title: Prof. Dr. Mr. Mrs. Miss

Name:

First name

Middle name

Family name

Affiliation:

Mailing Address:

Tel: _____

Fax: _____

E-mail: _____

Accompanying Person(s)

Name(s): _____

Paper details:

Title:

Authors:

Preferred format Oral Poster Multimedia projector

Which session should be included in:

Session No. _____

Signature: _____

Date (M/D/Y): _____

Deadline: Registration: August 1, 2009; Abstracts: May 30, 2009.

Please send this form to ASAM-2 Secretariat (refer to CONTACT INFO)

Hotel Reservation & Payment Form

Secretariat use only
Reg. No.

ASAM2009

October 11-14, 2009

Shanghai, China

Title: Prof. Dr. Mr. Mrs. Miss

Name:

First name

Middle name

Family name

I plan to stay in the **Crown Plaza Fudan Shanghai**

Fuxuan Hotel, Shanghai

Yanyuan Hotel, Shanghai

Check-in: Oct: _____2009; check –out: Oct: _____2009; total _____ days.

Date leaving Shanghai: Oct: _____2009; Stay after post—Symposium tour for days.

Crown Plaza Fudan Shanghai	Fuxuan Hotel		Yanyuan Hotel
Single (Twin) Room	Single (Twin) Room	Single (Twin) Suite	Single (Twin) Room
RMB 750	RMB 400	RMB 700	RMB 240

	Crown Plaza Fudan Shanghai	Fuxuan Hotel	Yanyuan Hotel	Deposit (one day)
Single (Twin) Room	<input type="checkbox"/> RMB 750	<input type="checkbox"/> RMB 400	<input type="checkbox"/> RMB 240	RMB
Single (Twin) Suite	--	<input type="checkbox"/> RMB 700	--	
<input type="checkbox"/> Sharing a room with Mr/Ms:				
<input type="checkbox"/> Post-symposium tour		US \$ 100/150		× <input type="checkbox"/> = US \$

Payment

An amount of money, US \$_____, including registration fee US \$_____,
Accompanying fee US \$_____, and post-symposium tour fee US \$_____ is
being paid by an enclosed International Money Order.

Signature: _____

Date (M/D/Y): _____

Deadline: August 1, 2009

Please see related topics for detail

Please send this form to ASAM-2 Secretariat (refer to CONTACT INFO)

CANCELLATION AND REFUND

Cancellation must be made in writing to the organizer. The refund will be processed within two months after the Conference according to the following policy:

Category	Before September 10, 2009	After September 10, 2009
Registration Fee	90% refund	No refund
post-symposium tour fee	90% refund	No refund

CONTACT INFORMATION

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Academician, Professor and Director Advanced Materials Laboratory
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ASAM-2 Secretariat
Department of Materials Science
& Laboratory of Advanced Materials
Fudan University
200433 Shanghai, China
Tel: 86 21 65642381, Fax: 86 2165643685
Email: asam2009@gmail.com

Symposium web page:
<http://asam2009.fudan.edu.cn>
<http://mse.fudan.edu.cn/asam2009/index.htm>

