

## First Announcement and Call for Papers

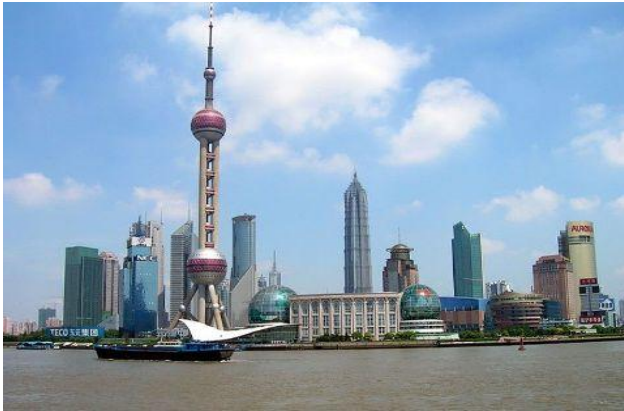
### The 3rd International Conference on Heterogeneous Material Mechanics

(ICHMM-2011)

May 22-26, 2011

Shanghai (ChongMing Island), CHINA

Website: <http://ichmm2011.shu.edu.cn>



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#### Conference Goals and Scope

ICHMM 2011 seeks dissemination of recent, cutting edge research results as well as in-depth discussions regarding future research directions in the challenging subject of heterogeneous material mechanics. Sessions will focus on original recent research developments presently underway, while invited panel discussions aim to stimulate future research directions.

**Plenary Kick-Off lectures** will be given by W. Curtin of Brown Univ. and Ku Lu of Institute of Metals of the Chinese Academy of Science 17:00-19:00, May 22, 2011 (Sunday).

**Sessions** are organized with papers addressing various classes of heterogeneous materials, including for example metals, composites, biomaterials, concrete, soils and rocks, porous materials and smart materials. Topics include, but are not limited to: nanomechanics, micromechanics, scale effects and multiscale modeling, multi-physics modeling, microstructure-property relations, materials design, biomimetics and biomaterials, smart materials, composite and cellular materials, geological materials and concrete, stochastic mechanics, plasticity, creep, damage and failure, coupled diffusion and deformation/damage, tribology, and environmental effects involving heterogeneous material systems.

**Panel discussions** will focus on fundamental challenges in (i) crystal plasticity of microstructures, (ii) key interfaces of materials and mechanics in heterogeneous materials, (iii) time-scale issues in atomistic modeling, (iv) critical path issues in materials for energy, and (v) mechanics of biomaterials.

#### Conference Venue

##### Bao Dao Resort

ICHMM 2011 will be held at the Bao Dao resort, ChongMing Island, Shanghai City, China. It is neighbor to and in front of the



Dong Ping National Forest Park. The resort is surrounded by a large area of woods and meadows. All the rooms and suites are open to an excellent woods view. The resort setting includes meals, rooms, meeting and leisure as a whole. It is an ideal place for a large-scale conference.

##### ChongMing Island

ChongMing Island is located in the central point of the Chinese coastal region known as the West Pacific Bank, at the estuary of the Yangtze River. It is the largest alluvial river island and the third largest island in China. The island is encircled by rivers on three sides and by the East Sea on one side. It



links the majestic Yangtze River in the west to the vast East Sea. This island has become available as the conference location due to recent construction of an 8.9 km under-water channel and a 12 km long bridge as part of preparations for the World EXPO in Shanghai, held May to October, 2010. It is about 40 minutes by train from the Shanghai Pudong International airport to ChongMing Island, and another 40 minutes to the Bao Dao Resort.

## Shanghai City and Shanghai EXPO 2010

With a history of more than 700 years, Shanghai was once the financial center of the Far East. Since the reforms that began in the 1990s, great changes have taken place in the city. Shanghai is rapidly developing into a modern metropolis and is considered one of the world's leading economic, financial, trading, and shipping centers.



Shanghai EXPO will be held in 2010. The theme of Expo 2010 is "Better City, Better Life," representing humankind's common desire for a better life in future urban environments. Expo 2010 Shanghai China will be a grand international gathering. Over 200 nations and international organizations have confirmed participation, as well as 70 million visitors from home and abroad, ensuring the widest possible participation in the history of World Expositions.



## Social Program

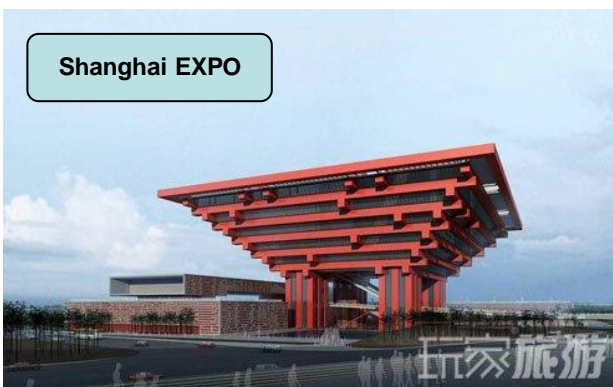
**Day1: May 22 19:30-21:30:** Reception cocktail party.

**Day2: May 23 18:30-21:00:** Picnic in central forest park area.

- Accompanying persons: 9:00-16:00 Sightseeing on "The Oriental Pearl Tower" and "Qibao town", 300 RMB (\$44 USD\*).

**Day3: May 24 12:30-22:30:** Day excursion in Shanghai (World Expo, Cheng Huang Temple), Evening: Dinner in Shanghai downtown hotel & Boat sightseeing over Huang Pu River.

**Day4: May 25: (16:00-21:00):** Sightseeing & banquet on West River Bank of the Island. Accompanying persons (8:30-14:30): Roundtrip bus serves Shanghai Downtown, 100 RMB (\$15 USD), for shopping & sightseeing.



## Key Dates

Deadline for abstracts and pre-registration form: **Nov. 15, 2010**

Notification of acceptance: **December 15, 2010**

Early registration ends (last date for discounted rate/special offer) and Deadline for paper submission: **March 30, 2011**

Conference: **22-26 May, 2011 (Sunday to Thursday)**

**Registration Fee** (includes attendance at all the sessions of ICHMM-2011 held in the Bao Dao Resort, lunch, dinner, sightseeing for participants, reception and banquet in Shanghai):

Before March 30, 2011: 4040 RMB (\$590 USD\*)

After March 30, 2011: 4710 RMB (\$690 USD)

Accompanying spouse or friend: 820 RMB (\$120 USD)

(includes meals, reception party, banquet, sightseeing but does not include fees for events listed above in the **Social Program**).

**Cancelation policy:** The registration fee can be refunded subject to a cancellation fee of 680 RMB (\$100 USD), but only if a request is received in writing at least 35 days in advance of ICHMM-2011. No refund of the registration fee can be made after that date.

## Hotel Fee\*

Yi Qin Yuan Hotel (Brand new 4 star hotel): 683 RMB (\$100 USD) per night (the Yi Qin Yuan Hotel neighbors the Bao Dao Resort Hotel).

Bao Dao Resort Hotel (Quasi-4 star hotel): 515 RMB (\$75 USD) per night.

2 star hotels: 300RMB (\$44 USD)/night – For those desiring more economical budgeting arrangements.

Information regarding villas and forest cabins at or near the Bao Dao resort are available upon request.

## ICHMM-2011 Pre-registration Form

(Pre-register **soon** to get more information on website)

Name: Title:

Affiliation:

Address: E-Mail address:

Phone: Fax:

Other accompanying person(s) (number and name(s)):

**Abstract:** An abstract template is available on the website. Abstracts should contain no more than 250 words, and should be submitted via the website <http://ichmm2011.shu.edu.cn>.

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\* Current exchange rate: 1USD=6.827 RMB as of April 3, 2010. The exchange rate may fluctuate in 2011, since all ICHMM-2011 fees are based on the Chinese currency RMB. It is suggested to pay all fees later in 2010 or very early 2011. For payment by international participants, please see the ICHMM-2011 website and contact: Marlene Wightman. ([Wightman@alfred.edu](mailto:Wightman@alfred.edu) Phone: 607-871-2425, Fax: 607-871-2392).