

First announcement and call for paper



**10th ASIA-PACIFIC CONFERENCE ON ENGINEERING
PLASTICITY AND ITS APPLICATIONS**

AEPA-2010

<http://aepa2010.w66.idccenter.net> or

<http://www.aepa2010.net>

November 15 - 17, 2010, Wuhan, China

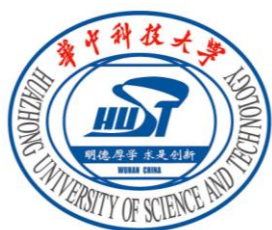
First Circular

Recent years witness new and rapid developments in engineering plasticity in response to advances in sciences and technology, bringing about evolution and refinements in basic theories, computation strategy, and experimental techniques on plasticity at the nano, micro and macro scales. We are glad to announce that the Tenth Asia-Pacific Conference on Engineering Plasticity and Its Applications, **AEPA2010**, will be held in Wuhan, China in 2010, following the previous successful symposia in Hong Kong (1992), Beijing (1994), Hiroshima (1996), Seoul (1998), Hong Kong (2000), Sydney (2002), Shanghai (2004), Nagoya (2006), and Daejeon (2008).

The primary objective of the Conference is to bring together an international group of scientists, researchers and engineers from various fields ranging from academic to industrial institutions and to provide a free forum for exchanging original

ideas, discussing new development and disseminating the latest research findings in the field of engineering plasticity.

We welcome contributions on novel topics dealing with plasticity in various disciplines such as solid mechanics, materials processing, structural analysis, geo-mechanics, and biomechanics. Contributions relating to the engineering and industrial applications of plasticity are also welcome. Advances in plasticity on the nano and micro scales and their industrial applications will be of special interest at the Symposium.



**Huazhong University of
Science and Technology**



**The Hong Kong
Polytechnic University**



**State Key Laboratory of
Geomechanics and Geotechnical
Engineering, Institute of Rock Soil
Mechanics, CAS**

PROGRAM TOPICS AND THEMES

Asia-Pacific Conference on Engineering Plasticity and Its Application (**AEPA2010**) will consist of oral and poster presentations. All aspects of plasticity research will be of interest. The applications of engineering plasticity in materials processing and geo-mechanics are of special interest to the Symposium. Distinguished scholars will be invited to deliver keynote presentation and to take part in specially organized forum discussions with participants. The symposium will cover the following topics:

- Constitutive modeling
- Damage, fracture, fatigue and failure
- Dynamic loading and crash dynamics
- Structural plasticity
- Multi-scale plasticity and modeling

- Engineering applications and case studies
- Experimental and numerical techniques
- crystal plasticity
- cyclic plasticity
- Phase transformations
- Super plasticity
- Plasticity in advanced materials
- Plasticity in nano/meso/macro-machining and materials processing
- Plasticity in porous, cellular and composite materials
- Novel materials processing technology
- Time-dependent plasticity
- Plastic instability and strain localization

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Call for papers

Prospective authors are invited to submit an abstract of 300 words not exceeding one page in length. After an abstract has been reviewed and accepted, authors will receive the instructions for the preparation and the format of the full paper. The papers will be reviewed by the members of the scientific committee of the conference.

Abstracts must be in [Microsoft Word format only](#), and shall be sent in electronic form no later than [February 28, 2010](#). Abstracts should be submitted through E-mail: aepa2010@mail.hust.edu.cn.

The notification of the receipt of the abstract will be forwarded to the author as soon as possible. Please contact the conference secretary to confirm the receipt if no notification has been received from the secretary within one week after your submission of the abstract.

The abstracts submission guidelines and further information are available on the website. Notification of acceptance to authors will be sent on March 31, 2010. [The abstract submission deadline is February 28, 2010](#).

Important Dates

Abstract submission deadline: February 28, 2010

Notification of abstract acceptance: March 31, 2010

Full paper submission deadline: June 30, 2010

Notification of full paper acceptance: July 31, 2010

Registration opens on: July 31, 2010

Deadline for camera-ready paper submission: August 31, 2010

On-site registration: November 15, 2010

Conference dates: November 16-17, 2010

Registration Fees

Category		Regular*	Student**	Accompanying person***
Pre-registration (on or before 30 August, 2010)	International	USD 400	USD 250	USD 200
	Domestic	RMB 2500	RMB 2000	RMB 1250
On-site registration	International	USD 500	USD 350	USD 200
	Domestic	RMB 3000	RMB 2500	RMB 1250

* The banquet, a copy of abstracts and proceedings are included.

**The banquet and a copy of abstracts are included. A copy of proceedings is NOT included.

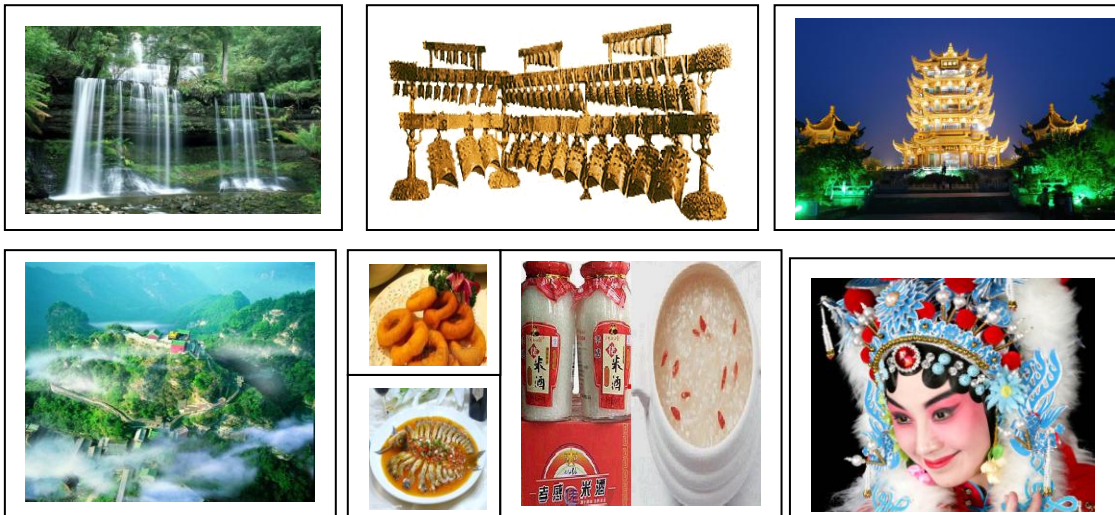
***The welcome reception, banquet and excursion are included.

FASCINATING WUHAN

Wuhan, with a population of more than 9 million, is located at China's middle. Occupying the geographical and resource advantages, Wuhan becomes the industrial and agricultural production base of China. Since the early 80s of the last century, Wuhan has generally established an integrated industrial production system, with the iron and steel, machinery, electricity, textile, food as the main body. Farming constitutes the main part of Hubei's agriculture, and grain, cotton and oil produced in Wuhan are transported to all parts of the country.

Hubei has an abundance of fascinating tourist attractions. The mysterious Shennongjia has been listed in the Protection Plan for Man and Nature by the United Nations Educational, Scientific and Cultural Organization (UNESCO). Wudang Mountain, the best known of China's Taoist holy mountains, was listed by UNESCO as a World Cultural Heritage Site in 1994, and Mingxian Tomb located in Zhongxiang City, is the largest and best-preserved mono-structural imperial tomb and has been designated World Culture Heritage sites in 2000. The world-famous Three Gorges, renowned for their spectacular views, rank in the top ten scenic spots in China. Hubei Museum, a provincial museum famous throughout the country, possesses a large number of world-class ancient relics. Hubei also boasts for its wonderful folk arts. Han opera, Chu opera and Huangmei opera have an deep effect on Chinese drama. Hubei drum and storytelling demonstrate an unique style of art.

Wuhan welcomes you, the A EPA guests, from around the globe!



VENUE

Reference 1

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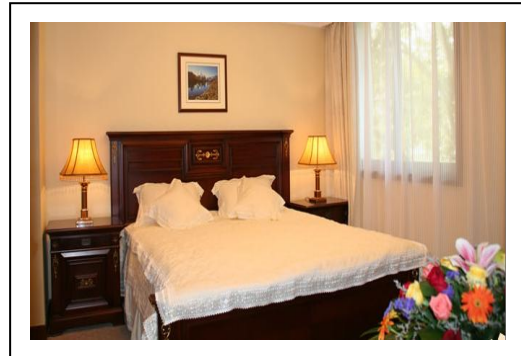
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<http://www.husthotel.com>



HUST Hotel, locates in campus of Huazhong University of Science & Technology. It is very convenient to reach the conference hall. Provided with quiet and comfortable rest rooms, guests will feel at home.

Reference 2



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Ramada Plaza, locates at southeastern suburbs of Wuhan, about 50km from the Tianhe International Airport in 50 minutes by car, about 20km from the train station in 25 minutes by car. Fifteen detached villas are scattered in open and peaceful forest, equipped with conference rooms, guest rooms, restaurants and sports / entertainment facilities. The entire area is scattered with a rich cultural and historical heritage nearby the Plaza.

WELCOME TO AEPA-2010
Fill in the advance registration form and send it
to us immediately!

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November 15-17, 2010, Wuhan, CHINA

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or <http://www.aepa2010.net>

(Separate form for each person please)

- ✓ **To receive all information as it becomes available**
- ✓ **To be eligible for discount on standard registration fee**

Title Prof/Dr/Mr/Mrs/Ms:

Family name:

Forename(s):

Affiliation:

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Tel.: **Fax:**

E-mail:

Please tick:

- I plan to attend the Conference
- I would like to submit a paper to the Conference
- We would like to take part in the Conference Exhibition
- Literature
- Large-scale equipment
- Small-scale equipment
- Software

Date

Signature

(if by mail)

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