

ATEM'11

International Conference on Advanced Technology
in Experimental Mechanics 2011

The 10th Asian Conference on Experimental Mechanics (ACEM10)

September 19-21

Kobe
Japan

Call for papers

Authors wishing to contribute to the conference are invited to submit an abstract (see format in the ATEM'11 web site).
Authors will receive notification of acceptance of their proposed contribution.

Author's instruction can be found on the web site:

<http://www.org.kobe-u.ac.jp/atem2011>

Invitation

The Materials & Mechanics Division of the Japan Society of Mechanical Engineers (MMD-JSME) is pleased to invite you to the International Conference on Advanced Technology in Experimental Mechanics'11 (ATEM'11) to take place in Kobe, Japan on September.

ATEM'11 is the 8th conference sponsored by MMD-JSME, following ATEM'07 in Fukuoka, ATEM'03 in Nagoya, ATEM'93 in Kanazawa, ATEM'95 in Tokyo, ATEM'97 in Wakayama, ATEM'99 in Ube and ATEM'01 in Sendai. ATEM'11 is also recognized as The 10th Asian Conference on Experimental Mechanics (ACEM10).

The conference will provide the possible opportunity for exchanging and sharing advanced knowledge in the developments of advanced technology in experimental mechanics.

Yoshikazu Nakai, Dr. Eng.
ATEM'11 Chairman

Abstract Submission

A 300-500 word abstract should be submitted through the conference web site by January 31, 2011. The abstract, written in English, should contain the title, author's name(s) and their affiliation including e-mail address of the corresponding author as designated on the web site.

Schedule and Deadlines

- Abstract submission : **January 31, 2011**
- Acceptance notification : **February 20, 2011**
- Full paper submission for review: **April 10, 2011**
- Final manuscript due : **June 15, 2011**
- Final program : **July 15, 2011**
- Conference : **September 19 to 21, 2011**

Registration Fees:

- Early registration (before June 15, 2011) : **¥50,000**
- Full registration (after June 16, 2011) : **¥60,000**
- Student fee : **¥25,000** (before June 15, 2011); **¥30,000** (after June 16, 2011)
- Early and Full registration include: **proceedings on CD-ROM, coffee breaks, and a banquet ticket.**
- Student registration includes: **proceedings on CD-ROM, coffee breaks.**

Scientific Topics:

1. Optical methods and techniques of displacement and strain
2. Ultrasonic methods and techniques
3. Thermal methods and techniques
4. X-ray, Synchrotron and neutron diffraction methods
5. Advanced imaging and tomographic method
6. Micromechanical testing and micro-electro-mechanical systems (MEMS)
7. Biomaterials and biomedical applications
8. Smart materials and structures, multifunctional materials
9. Dynamic behavior of materials and structures
10. Inverse problems
11. Non-destructive testing and evaluation in civil engineering
12. Fatigue and fracture mechanics
13. Thin films and coating
14. Welding technology and joint strength
15. Damage evaluation and life assessment
16. Advanced composite materials
17. Surface modification
18. Time dependent fracture (High temperature and environmental effects)
19. Processing and characterization of ultra fine grained alloys
20. Electronic and photonic packages & modules, and thin film devices
21. Multi-phased fluid dynamics
22. Experimental method in fluid mechanics



Venue

Kobe is known as a harbor city having a unique style with the exotic atmosphere in Japan, which has been affected by the foreign cultures and flourished as the international port since old days. Kobe blessed with nature beauty such as Mt. Rokko and Seto Inland Sea, and is known as the gourmet street (Kobe beef, Nada Japanese sake, wine and sweets).

As a port city, built on as history of transportation, and with its own airport (Kobe Airport) and Shinkansen station (Shin-Kobe), Kobe offers easy access for both domestic and overseas travelers.

The ATEM'11 will be held at **Kobe International Conference Center**, the world-class convention complex.

About KOBE : www.feel-kobe.jp/_en/

Kobe Convention Center : kobe-cc.jp/english/index.html



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Conference Website

www.org.kobe-u.ac.jp/atem2011

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