5WCSCM
Fifth World Conference on Structural Control and Monitoring

12 - 14 JULY 2010
KEIO PLAZA HOTEL
SHINJUKU, TOKYO

Sponsoring Associations
IASCM : International Association for Structural Control and Monitoring
JSPS : Japan Society for the Promotion of Science
ANCRisST : The Asia-Pacific Network of Centers for Research in Smart Structure Technology

Supporting Associations
AIJ : Architectural Institute of Japan
JSCE : Japan Society of Civil Engineers
JSME : Japan Society of Mechanical Engineers
JSSC : Japan Society of Steel Construction
JAEE : Japan Association of Earthquake Engineering
JAWE : Japan Association of Wind Engineering

http://www.wcscm5.com/
The world conference on structural control and monitoring will be held in Tokyo for the first time in 12 years. The second WCSC, which was held in Kyoto and Tokyo in 1998, is still remembered by many scientists and engineers as the milestone which motivated a lot of people to create a brave new world with this technology. The conference common interest was focused on active vibration control, passive energy dissipation devices, and sensor technologies at that time. Later on, structural health monitoring became the major application field where a wide variety of elemental technologies assembled and crystallized as a new engineering category. In the year 2010, Japan will host the conference again to revitalize the power of science and technology to open the second chapter in this field of engineering. We all expect the new generation to join us to interact and exchange ideas and experiences to benefit our future society. We hope that the conference will serve as the international forum to achieve this goal. Keynote lectures by prominent researchers, organized sessions, and special events for graduate students and young researchers and technical tours are prepared. This conference is organized by International Association of Structural Control and Monitoring and local organizing committee and is supported by Japan Society of Promotion of Science and the Asia-Pacific Network of Centers for Research in Smart Structure Technology (ANCRiSST).

The Conference covers three major topics:

- **Structural Health Monitoring**: structure diagnosis, damage detection, sensor application, remote sensing, system identification, etc.
- **Vibration Control**: active control, semi-active control, passive control, base-isolation, motion control, damping augmentation, device invention, application of civil structures, etc.
- **Smart Materials and Structures**: actuator technology, intelligent materials, dissipation materials, shape memory alloy, sensor materials, self-adaptive structures, etc.

### Important Dates

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<td>Abstract Submission Deadline</td>
<td>January 31, 2010</td>
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<td>Notification of Acceptance</td>
<td>February 28, 2010</td>
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<td>Full Paper Submission Deadline</td>
<td>April 30, 2010</td>
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### Submitting Your Abstract

A 300-word abstract suitable must be submitted for review via the 5WCSCM website: [http://www.wcscm5.com](http://www.wcscm5.com) by January 31, 2010. Participants are required to restrict themselves to presenting one paper only. It is the policy of the 5WCSCM that papers not presented at the Conference will not be included in the Proceedings.

### Submitting Your Full Paper

If accepted, an electric version of the final paper must be submitted via the 5WCSCM website: [http://www.wcscm5.com](http://www.wcscm5.com) by April 30, 2010 in PDF format.

### Program

- Opening/Closing Ceremony
- Keynote Lectures
- Parallel Sessions
- Reception (Keio Plaza Hotel)
- Banquet (Boat Cruising)
- Technical Tour

For further details, please visit our website: [http://www.wcscm5.com](http://www.wcscm5.com).

### Contact Information

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http://www.wcscm5.com/