

The 1st International Conference on Spring Technologies

Tokyo, Japan

November 16-18, 2015



Scope

Springs, which are simple machine parts which utilize elastic restoring force, have been used by mankind since ancient times. These days they are very familiar to us and are used in numerous machines and devices. We already understand the fundamental principles of springs and have established basic technologies for them. However, due to increasing demands for them to be smaller, lighter and more sophisticated, we must continue to improve their design and the manufacturing technology used to make them. This includes technology such as heat treatment and surface treatment.

In consideration of such demands, the Japan Society of Spring Engineers (JSSE), while maintaining a close, collaborative relationship with the Japan Spring Manufacturers Association (JSMA) has been arranging a number of activities. These activities include establishing collaborative research committees, holding regular Spring and Autumn lectures as well as offering a variety of other lectures. The activities have been organized with a focus on the following three points:

1. To make research and development activities more fruitful
2. To improve benefits for members
3. To promote International Activities

In an effort to enhance international activities, JSSE held an International Symposium in 2007 as part of events to commemorate its 60th anniversary and, in 2012, proposed the establishment of an International Committee to handle the International Conference on Spring Technologies (ICST). A preparatory meeting for the International Committee was held in Germany in September 2013, and the following three proposals were approved by all participants:

1. To establish the International Committee
2. To regularly hold the ICST
3. To hold the 1st International Conference on Spring Technologies (ICST-1) in Tokyo in November 2015

During the ICST-1, you will not only be able to attend academic lectures, but you will also be able to gather information about production technologies and measuring techniques from exhibition booths. In addition, you will have the chance to interact with engineers from around the world in the banquet that will be held after the lectures.

We are very happy for all engineers, technicians, researchers and other business people engaged in spring and related industries, as well as their suppliers and customers, to participate in the ICST-1 and we look forward to welcoming you.

Topics

1. Materials (metallic and nonmetallic)
2. Fatigue and Mechanical behaviors
3. Design and Analysis
4. Manufacturing Processes
5. Testing
6. Recent Applications
7. International Standardization

Call for Papers

We welcome papers related to the spring technologies covering such topics shown above.

- 1) Presentation proposal including abstract submission should be made over the "Presentation Proposal" page.
- 2) Full papers (A4 size, within 8pages) should be prepared by using the "Full Paper Template" and a copy in PDF file must be submitted over the "Presentation Proposal" page.
- 3) Posters should be A0 size (841 x 1189mm) in portrait orientation and prepared referring to the "Poster Template".
- 4) Each poster should be brought to the venue by the presenter and an A4 size copy in PDF file must be submitted over the "Presentation Proposal" page.

[Full Paper Template \(with Notes to Authors\)](#)

[Poster Template \(with Notes to Authors\)](#)

Important Dates

Deadline for presentation proposal and abstract submission:	Apr. 18, 2015
Deadline for submitting full papers for proceedings:	Jun. 1, 2015
Notification of Acceptance:	Jul. 31, 2015
Deadline for submitting final full papers after peer-review:	Aug. 31, 2015
Deadline for submitting an A4 size poster copy:	Aug. 31, 2015

Program Schedule

Monday, Nov. 16	Registration ICST Committee Meeting Welcome Reception
Tuesday, Nov. 17	Oral Sessions Poster Sessions Exhibitions Banquet
Wednesday, Nov. 18	Optional Excursion (Mt. Fuji)

Participation Fees

Unit: JPY

	JSSE Members			Non-members		
	Residents in Japan	Residents in other countries	Students	Residents in Japan	Residents in other countries	Students
Welcome Reception*	5,000	free	2,000	5,000	free	2,000
Oral and Poster Sessions**	12,000	12,000	3,000	20,000	20,000	5,000
Banquet	8,000	8,000	2,000	10,000	10,000	3,000
Optional Excursion	8,000	8,000	8,000	8,000	8,000	8,000

* Oral session speakers are free of charge for the Welcome Reception.

**Participation fees for Sessions include a Conference Proceedings, lunch and coffee breaks.

Conference Chair

Prof. Katsuji Tosha
Meiji University, Japan
Email: jsse@spring.or.jp

International Committee

Mr. Takashi Goto, Chairperson (Japan Society of Spring Engineers, Japan)
Dr. Lim Chul-rok (Daewon Kang Up Co., Ltd., South Korea)
Mr. Wang Decheng (China Academy of Machinery Science & Technology, China)
Mr. Wolfgang Hermann (Verband Der Deutschen Federnindustrie, Germany)
Mr. Adrian May (Institute of Spring Technology, UK)
Mr. Steve Moreland (Spring Manufacturers Institute, U.S.A.)

ICST-1 Organizing Committee (Local Committee of Japan)

Mr. Takashi Goto, Chairperson (Chuo Spring Co., Ltd.)
Mr. Kanji Inoue (Japan Spring Manufacturers Association)
Mr. Isao Kato (Japan Spring Manufacturers Association)
Dr. Takahiko Kunoh (Japan Society of Spring Engineers)
Mr. Toshio Kuwabara (Japan Society of Spring Engineers)
Mr. Noriyuki Miyamura (Japan Society of Spring Engineers)
Mr. Koji Nakamura (NHK Spring Co., Ltd.)
Dr. Shinichi Ohya (Tokyo City University)
Mr. Mamoru Oshida (Japan Society of Spring Engineers)
Dr. Koji Takahashi (Yokohama National University)
Mr. Takaaki Tsuyama (Goto Industry Co., Ltd.)
Dr. Yoshihiro Watanabe (Toyo Seiko Co., Ltd.)

Venue

- 1. Meiji University, Surugadai Campus** (Monday, Nov. 16)
Kanda-surugadai 1-1, Chiyoda-ku, Tokyo 101-8301, Japan
[Access / Campus](#) | [About Meiji University](#) | [Meiji University Surugadai Campus Map](#) | [Surugadai](#) | [About Meiji University](#) | [Meiji University](#)
ICST Committee Meeting: TBD
Welcome Reception: Liberty Tower 23F (Miyagi Kozo Hall)
- 2. AKIHABARA UDX** (Tuesday, Nov. 17)
Sotokanda 4-14-1, Chiyoda-ku, Tokyo 101-0021, Japan
<http://www.akiba-cross.jp/english/floor/index.html>
Sessions and Exhibitions: UDX Gallery (4F)
(To find location of "Akihabara in Tokyo": <https://maps.google.com/maps/mm?hl=en>)

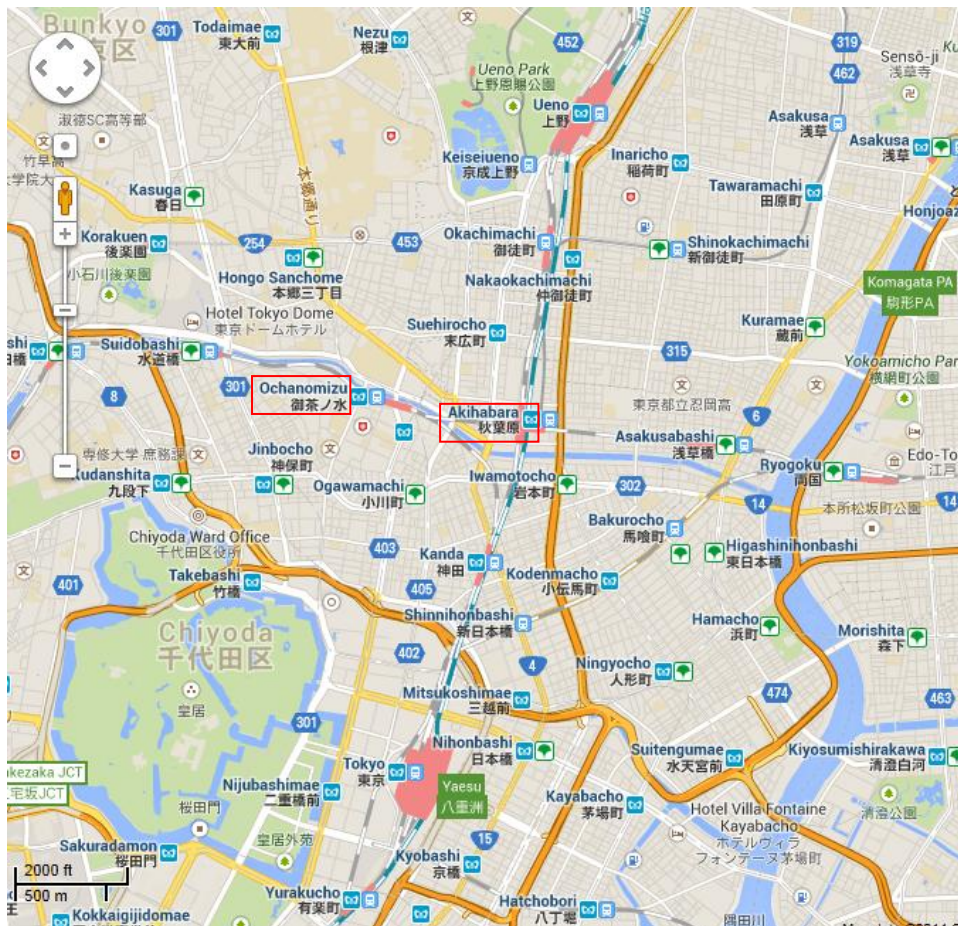
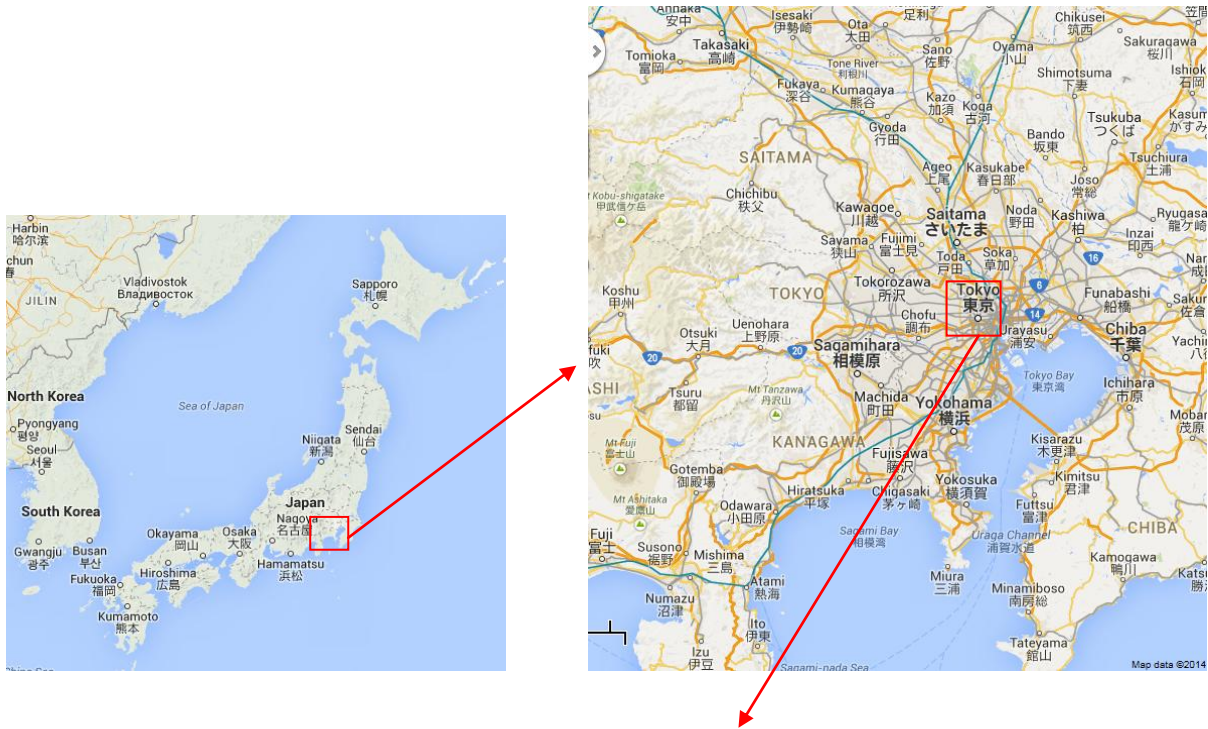
Transportation

- 1. From Narita International Airport:**
 - a. (Airport Limousine Bus)– Tokyo Station –(JR Yamanote Line)– Akihabara Station
 - b. (Keisei Line: Skyliner Express)– Ueno –(JR Yamanote Line)– Akihabara Station
 - c. (JR Line: Narita Express)– Tokyo Station –(JR Yamanote Line)– Akihabara Station
- 2. From Haneda International Airport:**
 - a. (Keikyu Line: Airport Express)– Shinagawa Station –(JR Yamanote Line)– Akihabara Station
 - b. (Tokyo Monorail)– Hamamatsucho Station –(JR Yamanote Line)– Akihabara Station
- 3. From Akihabara to Ochanomizu, the nearest station to Surugadai Campus**
Akihabara Station –(JR Sohbu Line)– Ochanomizu Station

About “Akihabara”

Akihabara is well known as Akihabara Electric Town, because hundreds of electronics stores line the neighborhood streets, selling everything from small electrical parts to large home appliances. In recent years, Akihabara has become famous as a place where anime and manga fanatics gather dressed in costumes of their favorite anime or manga characters to show them off.

There is no ward or city called Akihabara. Akihabara refers to the area surrounding JR Akihabara station which is located in central Tokyo, not so far from the Imperial Palace.



Accommodations

ICST-1 Organizing Committee has no contract with any hotels to offer special rates.

There are several hotels in Akihabara area which have English homepages as follows:

1. WASHINGTON HOTEL, AKIHABARA
<http://akihabara.washington-hotels.jp/>
2. Remm Akihabara
http://www.hankyu-hotel.com/cgi-bin2/cms2/index_en.cgi?hid=51remmakihabara
3. Dormy Inn Akihabara
Kanda/Akihabara/Ochanomizu Tokyo Dormy Inn Akihabara - JAPANiCAN.com
4. Hotel Mystays, Ochanomizu
<http://www.mystays.com/e/location/ochanomizu/index.php>
5. Ochanomizu Hotel Juraku
<http://www.hotel-juraku.co.jp/ocha/english/>
6. Keio Presso Inn Kanda
<http://www.presso-inn.com/english/kanda.html>
7. Kanda Central Hotel
<http://www.japanican.com/en/hotel/detail/4019A41/?ty=rsv>
8. Super Hotel Ueno-okachimachi
<http://www.superhoteljapan.com/en/s-hotels/ueno.html>
9. New Central Hotel
<http://www.japanican.com/en/hotel/detail/4019A42/?ty=rsv>

