

First Announcement **Save the Dates!**

13th Asian Thermal Spray Conference **ATSC 2024**



Images: (c) Sendai Tourism, Convention and International Association

Call for
Papers

December 11-13, 2024
Tohoku University, Sendai, Japan

Organized by **Japan Thermal Spray Society**

In association with **Asian Thermal Spray Society**

The Asian Thermal Spray Conference (ATSC) is a platform for networking and knowledge sharing for the thermal spray community in the Asia-Pacific region. The conference will highlight advances in thermal spray research, including information on new processes, materials, and applications. The event provides an attractive forum for all stakeholders of the thermal spray community, such as researchers from industry, research institutions, and academia; professionals from thermal spray service providers; equipment and feedstock manufacturers; and OEMs and users to interact and exchange ideas during and after the conference. The event will also provide an ideal platform for young researchers and engineers to familiarize themselves with recent advances in this rapidly evolving technology and gain application knowledge through the exhibition involving leading industries showcasing their products and services. The past editions of the event organized in Japan, Korea, Singapore, China, and India were extremely successful with good participation. The 13th edition of ATSC will be held in Japan again in the city of Sendai from 11 – 13 December, 2024. The Tsukuba International Coating Symposium (TICS) will be held on December 9-10 at the same location. This is a valuable opportunity to learn about coating technology, and we hope you will attend this symposium as well.

Website: <https://jtss.or.jp/atsc2024/> (Opening soon!)

Contact atsc2024@jtss.or.jp

Welcome to Sendai, Japan

We are greatly honored to host the 13th ATSC in Japan. Hosting ATSC in Japan is the third time following Nagoya in 2005 and Tsukuba in 2012, and this time, it will be held in Sendai, the largest city in the Tohoku region. It is just one and a half hours away from Tokyo by Shinkansen. Sendai is a metropolitan area with over one million population and is the political and economic center of the Tohoku region. Also, it is known as the "City of Forest," harmonizing nature with its urban landscape. Many people visit for its beautiful tourist spots and rich culinary culture. The venue for the conference, Tohoku University, is Japan's third oldest imperial university. It has a long history and is highly regarded in academic research and education.

We look forward to meeting you all at Sendai and Tohoku University.

Subjects Call for Papers

Cold spray/Kinetic spray

Solution and Suspension based Spray processes

Thermal Spray process modeling and simulation

Process control & Diagnostics

Thermal Barrier Coatings

Metallization of polymers and ceramics

Processing-Structure-Property correlations

Advanced Material Systems

Advanced characterization of coatings

Hybrid Spray Processes

Wear & Corrosion Protection

Novel Applications & Product Development

Repair & Refurbishment

Environmental/Occupational Safety

Novel Characterization and Property Evaluation Techniques

Biomedical Thermal spray coatings etc.

Abstract submission

Interested authors are invited to submit their abstracts. Please access the ATSC 2024 website

(<https://jtss.or.jp/atsc2024/>) to submit your abstract (Max. 200 words) in English by June 14, 2024

All submitted abstracts will be reviewed and selected by the ATSC program committee.

Manuscripts

The manuscript (A4 size 2 pages) deadline for all contributions will be September 30, 2024.

All manuscripts must be written in English. Selected conference contributions will be published in the conference proceedings and available at the conference.

Registration Fee

(Attending both conferences ATSC and TICS earns an extra fee discount.)

- JPY 75,000: Standard registration fee

- JPY 50,000: Discount for JTSS and supporting society members

- JPY 20,000: Student discount

Schedule

June 14: Abstract deadline

September 30: Manuscript deadline

December 9: TICS 1st day

December 10: TICS 2nd day

December 11: ATSC 1st day

December 12: ATSC 2nd day

December 13: Excursion

NIKKA Miyagikyo Distillery, etc. (TBD)

General Chair

Prof. Kazuhiro Ogawa (Tohoku University)

