

ATSC 2017

8th Asian Thermal Spray Conference

November 6-8, 2017
Maison Glad Hotel
Jeju, Korea



2nd Announcement and Call for Abstracts

Organized by

Korean Thermal Spray Association
Asian Thermal Spray Society

Sponsored by

Korean Thermal Spray Association

Conference Chair & Co-Chairs

Eungsun Byon (Korea Institute of Materials and Science)/Korea
Chang-Jiu Li (Xi'an Jiaotong University)/China
Seiji Kuroda (NIMS)/Japan
Khiam Aik Khor (Nanyang Technological University)/Singapore

International Advisory Board

Bin-Shi Xu (Nat. Key Lab. for Remanufacturing), Chuan-Xian Ding (Shanghai Inst. of Ceramics), Ke-Song Zhou (Guangzhou Research Inst. Of Nonferrous Metals), Xiao-Ou Huang (Thermal Spraying Commit. Of China Surface Engin. Asso.)/China
Masahiro Fukumoto (Toyohashi Univ. of Technol.), Kazuhiro Ogawa (Tohoku Univ.)/Japan
Khiam Aik Khor (Nanyang Technological University)/Singapore
Govindan Sundarajan (Inst. Adv. Res. Center for Powder Metallurgy New Mater.)/India
Chang-Hee Lee (Hanyang Univ.), Hyung-Jun Kim (RIST)/Korea

Website of ATSC2017 : <http://atsc2017.org>

All the materials on this conference will appear on this web site since June 15, 2017.

Scope of Conference

It is a great pleasure to invite you to 8th Asian Thermal Spray Conference (ATSC 2017), which will be held in Jeju, Korea on November 6-8, 2017. ATSC is currently held two times every three years except the year when the International Thermal Spray Conference is held in Asian countries. The purpose of this conference is to bring regularly all researchers involved in R&D, technicians in thermal spray job shops, manufacturers of thermal spray materials and equipment, managers of the companies involving in thermal spraying in Asian area to share the latest advancements of thermal spray technology. It is also expected that the conference will inspire and nurture young engineers and researchers in the region through international experiences.

Important Dates

Abstract due	June 30, 2017
Acceptance of abstract	July 31, 2017
Manuscript submission for proceedings	September 16, 2017
Conference	November 6-8, 2017

Submission of Abstract

The Technical Program at the 8th ATSC will address diverse aspects related to thermal spray science and technology, ranging from fundamental research to industrial applications.

Prospective authors are invited to submit abstracts of papers dealing with, but not restricted to, any of the several themes listed below:

- Cold Spray/Kinetic Spray
- Solution and Suspension based Spray Processes
- Advances in Thermal Spray Processes
- Hybrid Spray Processes
- Thermal Barrier Coatings

- Repair & Refurbishment
- Wear & Corrosion Protection
- Novel Functional Applications
- Modelling & Simulation
- Process Control & Diagnostics

- Processing-Structure-Property correlations
- Advanced Characterization of Coatings
- Mechanical Properties of Coatings
- Environmental/Occupational Safety
- Advanced Material Systems

One-page abstracts (approximately 500 words) should be submitted no later than June 30, 2017. The abstract have to be submitted in English and typed in single-line spacing using Time 12 PT type and should be headed with the title (in CAPITALS and center justified and bold), name(s) and affiliation(s) of all authors, and e-mail address of corresponding author. Please indicate whether the abstract should be considered for an oral or poster presentation.

Young Scientist Forum will be hold for the presentation of a selected young scientists (researcher in student status or under 30 years old), and will be awarded to the excellent presenter.

Publication

Two-page extended abstracts of all the accepted papers to be presented at ATSC 2017 will be included in a conference proceeding available at the conference. Selected papers will appear as a special issue of Journal of Thermal Spray Technology dedicated to ATSC 2017.

Registration

The Registration Fee structure for participation in ATSC2017 is as follows:

	Category	Foreign Participants	Domestic Participants
<i>Early-Bird Registration (resister before September 01, 2017)</i>	Oral Presentation / Poster Presentation/ Participation	300 USD	300,000 KRW
	Students	200 USD	200,000 KRW
<i>On-Site Registration</i>	Oral Presentation / Poster Presentation/ Participation	350 USD	350,000 KRW
	Students	250 USD	250,000 KRW

Exhibition

Information about the exhibition will appear on the website.

Conference Secretariat

Dr. Sunghun Lee, e-mail: shlee@kims.re.kr

Phone: +82-55-280-3567 fax: +82-55-280-3570

Korea Institute of Materials Science (KIMS)

797 Changwon-Daero, Sungsan-Gu, Changwon, Korea, 51508

Jeju Island

Jeju the largest island in South Korea, came into existence 700 to 1,200 thousand years ago when lava spewed from a sub-sea volcano and surfaced above the waters.

Mt. Halla rises in the center of Jeju to 1950m above sea level. The rest of the island slopes down from its summit and is covered with dark gray volcanic rocks and volcanic ash soil. Relatively isolated from the rest of the world, the island's nature has been well preserved in its prehistoric state. That is why traveling to Jeju is to travel back in time. Jeju's natural environment has been preserved as best as possible.

Jeju's temperature climate, natural scenery, and beaches make it a popular tourist destination for Koreans as well as visitors from other parts of Asia-Pacific. There is a variety of leisure sports that tourists can take part in Jeju including golf, horse riding, hunting, fishing, mountain climbing, etc. Depending on the season, Jeju hosts many festivals for tourists.



Jeju Island can be reached by air or cruise ship, but the fastest and most comfortable way to reach it is by air through Incheon-, Gimpo-, and Gimhae-airport.

Maison Glad Jeju Hotel

<https://ora.oraresort.com/eng/GRD/index.php?>

80, Noyeon-ro, Jeju-si, Jeju-do, Korea

TEL. +82-64-747-5000 | FAX. +82-64-742-3450

- ▶ Jeju International Airport → Maison Glad Jeju Hotel shuttle buses are operated.
(Total distance: 3.5km | Time required: within 10minute)