

CALL FOR PAPERS

Papers concerning all aspects of gas turbine, turbocharger, steam turbine and energy conversion turbine system technologies are invited.

Important Dates

Deadline for Abstract:	Jan. 31, 2019
Notification of Abstract Acceptance:	Feb. 28, 2019
Deadline for Full-Length Draft for Review Purposes:	Apr. 30, 2019
Notification of Paper Acceptance:	Jun. 30, 2019
Deadline for Final Papers:	Aug. 31, 2019

Electronic Proceedings

Electronic proceedings, including accepted papers in PDF format, will be provided to participants of the Congress in a compact data storage device.

Publication of Papers

Authors will be encouraged to submit papers presented at the Congress to the *International Journal of Gas Turbine, Propulsion and Power Systems (JGPP)*, published by the GTSJ.

Abstract Submission

Prospective authors are requested to submit an abstract prior to the draft paper submission date. The abstract should be comprised of up to 500 words and should briefly outline the contents of the full paper. Acceptances of abstract submissions will be posted on the Congress Website (described later).

As a general rule, please limit the number of abstracts submitted to one per author. Authors are requested to pre-register for the conference.

Official Language

The official language of the Congress is English.

CONGRESS WEBSITE

For further information and announcements regarding the Congress, including the gas turbine exhibition, please refer to the Congress Website at:

<http://www.gtsj.org/english/igtc/next.html>

Abstract submissions and advance registration will be accepted through this site. A tentative program will be available around July 2019 with advance registration also beginning around July 2019.

LOCATION AND VENUE

Tokyo Metropolis

The Congress will be held in Tokyo, the capital city of Japan, which has both sophisticated and historical features, and also is in close proximity to other major urban and tourist centers including Hakone, Nikko and Mt. Fuji. For further information on tourism, please visit the "GO TOKYO" website:

<http://www.gotokyo.org/en/index.html>

Toranomon Hills

The Congress venue is *Toranomon Hills*, located in the south area of the Imperial Palace. It is a 5 minute walk from Toranomon subway station (Ginza Line). For further information, please visit:

<http://toranomohills.com/en/>



CORRESPONDENCE

All inquiries for the Congress should be addressed to:
Gas Turbine Society of Japan
7-5-13-402 Nishi-Shinjuku, Shinjuku-ku, Tokyo, JAPAN
Fax: +81-3-3365-0387
E-mail: igtc2019@gtsj.org

First Circular & Call for Papers
IGTC2019 Tokyo

IGTC
CONGRESS
International Gas Turbine Congress
2019 Tokyo
12th Congress in Japan



November 17-22, 2019
Tokyo, Japan



Gas Turbine Society of Japan

<http://www.gtsj.org/english/>

Welcome to IGTC2019

The Executive Committee has scheduled the twelfth International Gas Turbine Congress (IGTC) in the autumn of 2019. The last IGTC was successfully held in 2015 in a new facility, Toranomon Hills, located in the central part of Tokyo. It had 569 participants and 213 presentations. IGTC2019 will also be held in the same venue.

Papers related to any aspects of gas turbine, aero-engine, turbomachinery and energy conversion turbine systems are invited from all over the world. Keynote Speeches, Forum Sessions and Panel Discussions will be arranged in addition to the Paper Sessions.

An exhibition related to gas turbines, energy systems, turbochargers, accessories, parts, materials, instrumentation, software, etc. will be held at the Congress site. Technical tours, a welcome reception, and a banquet are also planned.

The Executive Committee cordially invites you to join the IGTC2019 for up-to-date information exchange and networking.

Message from GTSJ President



Yoshihiro Aburatani
President of Gas Turbine Society of Japan

On behalf of the Gas Turbine Society of Japan (GTSJ), I am very pleased to announce that the International Gas Turbine Congress 2019 Tokyo (IGTC2019 Tokyo) will be held from the

17th to the 22nd of November, 2019, with the support of collaborating societies around the world. This is the 12th international congress organized by GTSJ, with the most recent congress having taken place in 2015 in Tokyo, with great success.

Gas turbines, with their qualities of high efficiency, high reliability and low NOx emissions, are expected to serve as one of the best technologies for CO₂ reduction and thereby provide a countermeasure against global warming. Also, with their flexible performance, gas turbines will be able to meet the needs of the coming renewable energy society for quicker and more sophisticated supply-demand control of electrical power. IGTC2019 is designed to discuss and share the latest information about fundamental technologies, product developments and application systems of gas turbines in various energy systems in our global community.

It is my sincere hope that the IGTC2019 will lead to stronger ties between gas turbine societies in Asia and their counterparts in the US and Europe, and we look forward to your participation.

CONGRESS DATES

Welcome Reception:	Nov. 17 (Sun)
Technical Sessions:	Nov. 18-21 (Mon-Thu)
Banquet:	Nov. 20 (Wed)
Technical Tours:	Nov. 22 (Fri)

SCOPE & TOPICS

The topics of papers to be presented include, but are not restricted to, the following areas:

- Aerodynamics and Design
- Combustion, Fuel and Emissions
- Control and Diagnostics
- Cycle Innovation
- Heat Transfer
- Materials and Manufacturing Technologies
- Operational Experiences, Reliability and Maintenance
- Renewable Energy Technologies
- Structure and Dynamics
- Aircraft Engines
- Industrial Gas Turbine and Power Systems
- Small Gas Turbine and Turbochargers
- Steam Turbines

EXHIBITION

An exhibition related to gas turbines, turbomachines, related power systems and their accessories, parts, materials, instrumentation, application software, etc. will be held concurrently at the congress site exhibition hall.

COLLABORATING SOCIETIES

We are asking the following related societies from abroad for their collaboration:
ASME/IGTI, CSET, CAS/IET, CAS/SARI, ETN, IMechE, KSFM, KSME, VDI, UIT, IERE

INTERNATIONAL ADVISORY COMMITTEE

Prof. Frans A. E. Breugelmans	(Belgium)
Dr. Hany Moustapha	(Canada)
Prof. WeiGuang Huang	(China)
Prof. Feng Lin	(China)
Prof. Xiaofeng Sun	(China)
Prof. Joerg R. Seume	(Germany)
Dr. Alexander Wiedermann	(Germany)
Prof. Anestis I. Kalfas	(Greece)
Prof. Bhaskar Roy	(India)
Prof. Alberto Traverso	(Italy)
Prof. Hyung Hee Cho	(Korea)
Prof. Seung Jin Song	(Korea)
Prof. Reza S. Abhari	(Switzerland)
Prof. John D. Denton	(UK)
Prof. Michael Wilson	(UK)
Prof. Edward M. Greitzer	(USA)
Dr. Chunill Hah	(USA)
Prof. Wing F. Ng	(USA)
Prof. Terrence W. Simon	(USA)
Dr. David C. Wisler	(USA)

EXECUTIVE COMMITTEE

Dr. Toshio Nishizawa (Chair)	(JAXA)
Mr. Mitsumasa Makida (Secretary)	(JAXA)

General Affairs Committee

Dr. Takashi Yamane (Chair)	(JAXA)
Mr. Seiji Yoshida	(JAXA)

Program Committee

Prof. Susumu Teramoto (Chair)	(Univ. of Tokyo)
Dr. Masaya Suzuki	(JAXA)

Events Committee

Dr. Chiyuki Nakamata (Chair)	(IHI)
Ms. Keiko Nakamura	(IHI)

Exhibit Committee

Mr. Satoshi Yasuda (Chair)	(MHPS)
Mr. Akitomo Tsukahara	(MHPS)

Financial Committee

Mr. Naoki Shibukawa (Chair)	(Toshiba)
Dr. Daizo Saito	(Toshiba)