

## CALL FOR PAPERS

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

### Important Dates

|                                                     |               |
|-----------------------------------------------------|---------------|
| Deadline for Abstract:                              | Jan. 31, 2015 |
| Notification of Abstract Acceptance:                | Feb. 28, 2015 |
| Deadline for Full-Length Draft for Review Purposes: | Apr. 30, 2015 |
| Notification of Paper Acceptance:                   | Jun. 30, 2015 |
| Deadline for Final Papers:                          | Aug. 31, 2015 |

### 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 *International Journal of Gas Turbine, Propulsion and Power Systems (JGPP)*, published by GTSJ.

### Abstract Submission

Prospective authors are requested to submit an abstract prior to draft paper submission. The abstract should comprise up to 500 words and 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/IGTC2015/>

Abstract submissions and advanced registration will be accepted through the site. A tentative program will be available around July 2015 with advance registration also beginning around July 2015.

## LOCATION AND VENUE

### Tokyo Metropolis

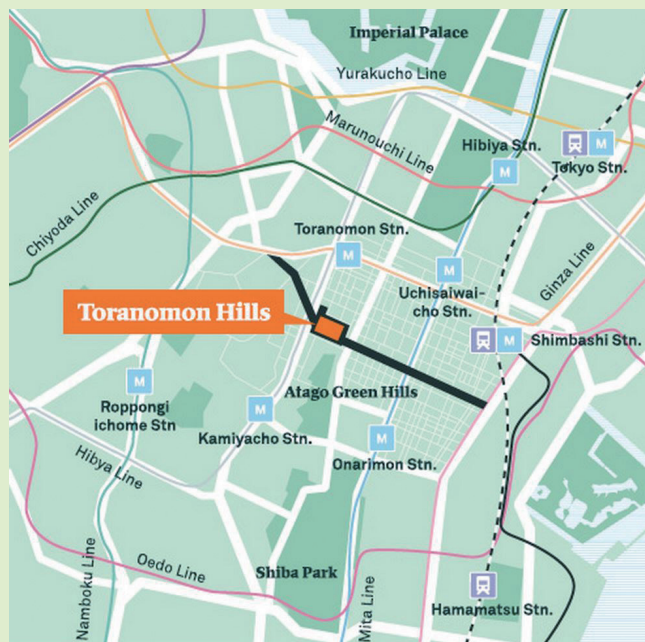
The congress will be held in Tokyo, the capital city of Japan, which has both sophisticated and historical features, and also in close proximity to other major urban and tourist centers including Hakone, Nikko and Mt. Fuji. For further information on tourism, please visit the "GO TOKYO" website:

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

### Toranomon Hills

The congress venue is the *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://toranomonhills.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: [igtc2015@gtsj.org](mailto:igtc2015@gtsj.org)

*First Circular & Call for Papers*

# IGTC2015 Tokyo

**International Gas Turbine Congress  
2015 Tokyo  
11th Congress in Japan**



**November 15-20, 2015  
Tokyo, Japan**



**Gas Turbine Society of Japan**  
<http://www.gtsj.org/english/>

## Welcome to IGTC2015

The Executive Committee has scheduled the eleventh International Gas Turbine Congress (IGTC) in the autumn of 2015. The last IGTC was successfully held in 2011 in Osaka with about 480 participants and 190 presentations. IGTC2015 will be held in a brand new facility, Toranomon Hills, located in the central part of Tokyo.

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

After the Great East Japan Earthquake, there have been intense discussions in Japan concerning energy supply strategy. The new basic energy plan was decided by cabinet in April, 2014. We expect to have discussion on the reliable energy system and role of gas turbine in the future energy network with the participants from all over the world.

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

The Executive Committee cordially invites you to join the IGTC2015 for up-to-date information exchange and net-working.

## Message from GTSJ President



Yasuo Fujitani  
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 2015 Tokyo (IGTC2015 Tokyo) will be held from the

15th to the 20th of November, 2015, with the support of collaborating societies around the world. This is the 11th international congress organized by GTSJ, with the last congress taken place in 2011 in Osaka with great success.

Gas turbines with the characteristics of high efficiency, high reliability and low NOx emissions are expected to serve as one of the best technologies for CO2 reduction which leads to the inhibition of global warming. Also gas turbines show more promise with recent shale-gas development for introduction to various applications. IGTC2015 is designed to transmit the latest information in Asia about fundamental technologies, product developments and application systems of gas turbines in various energy systems toward the rest of the world and to help all participants share the information.

It is my great pleasure that the IGTC2015 will lead to stronger ties between gas turbine society in Asia and their counterparts in the US and Europe, and we look forward to your participation.

## CONGRESS DATES

|                     |                      |
|---------------------|----------------------|
| Welcome Reception:  | Nov. 15 (Sun)        |
| Technical Sessions: | Nov. 16-19 (Mon-Thu) |
| Banquet:            | Nov. 18 (Wed)        |
| Technical Tours:    | Nov. 20 (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
- Manufacturing Technologies
- Materials and Coatings
- 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
- Wind Turbines

## EXHIBITION

An exhibition related to gas turbines, turbo machines, 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, CAS/IET, CAS/SARI, ETN, IMechE, KSFM, KSME, VDI, UIT

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