

*Second Call for Papers*

# *Asian Congress on Gas Turbines (ACGT-2016)*

**14-16 November 2016**

**Indian Institute of Technology Bombay**



**Organized by:**  
**Department of Aerospace Engineering**  
**Indian Institute of Technology Bombay**  
**Powai, Mumbai 400076, India**

## **About the Conference:**

The Asian Congress on Gas Turbines (ACGT), is a biennial conference with gas turbines as the main theme. This conference was held at one of the three countries, Japan, Korea and China. The previous conferences were held in 2005 (Seoul), 2009 (Tokyo), 2012 (Shanghai) and 2014 (Seoul).

2016 ACGT will aim to provide an international forum for exchange of information related to gas turbine research, especially among researchers in Asia and the Pacific Rim Region. The main aim of this conference is to enable a forum where the gas turbine enthusiasts primarily from the Asian region and especially the young professionals and students can present their work and discuss with their peers. It is hoped that 2015 ACGT will lead to promotion of pan-Asian cooperative effort in gas turbine research.

## **Scope of the conference:**

Papers related to any aspect of gas turbine research are invited from all over the world. The 2016 ACGT will have two Forums and two invited talks by experts in addition to the Technical Sessions.

## **IMPORTANT DATES**

April 15, 2016 Abstracts submission (**on-line to ACGT2016 web site**)  
May 31, 2016 Abstracts acceptance notification  
Sept. 5, 2016 Submission of full length papers (**on-line**)  
Sept. 30, 2016 Notification of final acceptance

## **General Session Topics**

Papers dealing with all aspects of gas turbine research are welcome, especially in the areas of

- Aerodynamics of gas turbine components
- Combustion
- Development and Testing of Gas Turbine Systems
- Diagnostics, Control, and Measurement
- Heat Transfer
- Materials
- Performance Analysis and Advanced Cycles
- Operational Experience of Gas Turbines
- Structures & Dynamics
- Turbomachinery
- Rotor dynamics

**Webpage:** <http://www.aero.iitb.ac.in/acgt2016>

## Paper Submission:

**Extended abstracts** of 2-pages length (about 1000 words) including 1-2 key figures may be submitted for the contributed papers. The abstract should clearly state the intended contents of the final paper. The extended abstracts will be reviewed for acceptance of the full-length papers. The abstracts are to be uploaded through the conference webpage.

Selected papers from the proceedings of the ACGT 2016 conference may be published in one of the following journals after a peer review process:

1. International Journal of Gas Turbine, Propulsion and Power Systems (JGPP) published by the Gas Turbine Society of Japan
2. Journal of the Institution of Engineers (India).

## Forums

Two forums will deal with strategic issues related to gas turbines which are emerging in Asia

- Forum 1 - Energy Strategies of Korea, Japan, and China and India
- Forum 2 - The Role of Gas Turbines in Distributed Generation and for International Cooperation

**Invited talks:** Two Invited talks from internationally renowned experts

## Organizing Committee

Bhaskar Roy, IIT Bombay, Chairman  
A M Pradeep, IIT Bombay, Executive Secretary  
B V S S S Prasad, IIT Madras, India  
S. J. Song, Seoul Nat'l Univ., Korea  
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Vilas Kalamkar, NIT, Nagpur, India  
Joseph Mathew, IISc Bangalore, India  
A Kushari, IIT Kanpur, India  
P K Das, IIT Kharagpur, India

**Registration fee:** US\$ 250 for regular attendees and US\$ 100 for student attendees. Please see the conference website for the Indian participants.

Registration Fee includes:

- Access to all the invited talks, forum/panel discussions and technical sessions
- Working lunch on all three days Tea/coffee networking breaks
- Banquet Dinner on 15th November 2016
- Registration kit: delegate bag, proceedings on a pen-drive, stationery

## About Indian Institute of Technology Bombay:

IIT Bombay, the second in the chain of IITs, was set up in 1958. It was the first IIT to be set up with foreign assistance. In 1961, the Parliament decreed IITs as 'Institutes of National Importance'. Over the years, the institute has also created a niche for its innovative short-term courses through continuing education and distance education programmes.'

## How to Get to IITB

International flights land at Terminal 2, Chatrapati Shivaji International Airport (Sahar Airport), which is only 10 kms from IIT Bombay. The Domestic Airport is at Terminal1B (Santa Cruz), is about 15 kms away. The nearest main railway terminals are Mumbai VT station (35 kms), Dadar (20 kms), Kurla (15 Kms) and Mumbai Central (25 kms). The suburban train stations are Kanjurmarg (2 kms), Vikhroli (4 kms) and Andheri (12 kms). Taxis, Pre-paid taxis and auto-rickshaws are easily available at the airports / stations.

## Conference Contact:

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## Further Details

Details of accommodation (nearby hotels and rates), sponsorship and exhibit, etc. will be updated at the conference website in due course.