



# Gas Turbine Society of Japan

## ◆ About GTSJ

- Gas Turbine Society of Japan (GTSJ) was founded in 1976, based on Gas Turbine Committee of Japan established in 1972. GTSJ is the only Japanese domestic professional society on the area of gas turbine, propulsion, and energy systems.
- GTSJ aims to promote science, technology and social development through information exchange, publication, technology research and other activities in the fields of all types of gas turbines, and energy conversion systems.
- GTSJ members come from a wide variety of organizations; gas turbine manufacturing companies, users, universities, national laboratories, and other corporations. Currently more than 1,800 individuals join GTSJ and more than 100 corporate members support the activities.
- As the representative society in Japan in this field, GTSJ promotes the activities for developing collaboration with international organizations concerned, through managing information exchange and hosting international conferences.
- GTSJ supports the advancement of science and technology as a leading society, and contributes for establishment of an Asian community in the field of gas turbine and energy.

## ◆ Message from the president, Naoki MURAKAMI

- Current international affairs especially in the Middle East and Ukraine have increased uncertainty of global energy supplies. At the same time, as climate change continues to intensify extreme weather, societal demand for decarbonization remains strong. Under these circumstances, gas turbines as prime movers for power generation are expected to achieve their high efficiency through combined-cycle systems and co-generation systems. They have a complementary role to renewable energy, as it can supply grid balancing capability and inertia. Furthermore, Gas turbines are promoting decarbonization by accommodating fuel diversification such as hydrogen, ammonia, and other decarbonized fuels, including SAF. Moreover, excellent load-following capability of gas turbines makes them well suited as power sources for data centers supporting the rapidly growing AI sector. In the transportation machinery sector, gas turbines, represented by aircraft engines, continue to play a vital role in enabling high-speed transport while improving energy efficiency and promoting decarbonization.
- Considering the above circumstances, gas turbines are expected to function as a key technology for advancing solutions to societal challenges. Our Society hosts lectures, workshops, and seminars on gas turbine technology to provide a platform for academic advancement and compiles the publication of journals and technical papers, thereby contributing to the technological and engineering development of gas turbines. In addition, the Society organizes international conferences and is currently preparing to host ACGT 2026 in Toyama and IGTC 2027 in Yokohama. We will further intensify our efforts to invigorate and advance the activities of the Society and enhance the value of our Society. We sincerely encourage the active participation of all members in these endeavors.



## ◆ International Gas Turbine Congress (IGTC 2027)

- IGTC is an international congress held in Japan to exchange information on the latest researches and technology trends in gas turbine, propulsion, and energy systems. IGTC also features an exhibition.
- The next IGTC will be held in Yokohama, Japan, in November 2027.
- <https://www.igtc2027.org/>



## ◆ Asian Congress on Gas Turbines (ACGT 2026)

- ACGT is an international congress aiming at the promotion of gas turbine technology and research in Asia as a platform of information and human resource exchange.
- The next ACGT will take place in Toyama, Japan, on August 18-21, 2026.
- <https://www.acgt2026.org/>



## ◆ International Journal of Gas Turbine, Propulsion and Power Systems (JGPP)

- JGPP is an on-line, open-access journal, which covers engineering information concerning gas turbines and related power systems.



## ◆ International Advisory Committee (IAC)

- The IAC of GTSJ is composed of distinguished scholars in various countries. The members are requested to give advices to the activity of GTSJ such as IGTC, ACGT, journal publication and so on.

Dr. Hany Moustapha	(Pratt & Whitney Canada, CANADA)	Prof. Hyung Hee Cho	(Yonsei University, KOREA)
Prof. Chunwei Gu	(Tsinghua University, CHINA)	Prof. Seung Jin Song	(Seoul National University, KOREA)
Prof. WeiGuang Huang	(SARI / Chinese Academy of Sciences, CHINA)	Prof. Reza S. Abhari	(ETH, SWITZERLAND)
Prof. Xiaofeng Sun	(Beijing Univ. of Aeronautics and Astronautics, CHINA)	Prof. Graham Pullan	(University of Cambridge, UK)
Prof. Joerg R. Seume	(Leibniz Universitaet Hannover, GERMANY)	Prof. Joshua D. Cameron	(University of Notre Dame, USA)
Prof. Damian Vogt	(University of Stuttgart, GERMANY)	Dr. Chunill Hah	(NASA Glenn Research Center, USA)
Prof. Alexander Wiedermann	(University of Kaiserslautern-Landau, GERMANY)	Prof. Wing F. Ng	(Virginia Polytechnic Institute, USA)
Prof. Anestis I. Kalfas	(Aristotle University of Thessaloniki, GREECE)	Prof. Terrence W. Simon	(University of Minnesota, USA)
Prof. Pradeep Amboor Madathil	(Indian Institute of Technology Bombay, INDIA)	Prof. Zoltan S. Spakovszky	(MIT, USA)
Prof. Alberto Traverso	(University of Genoa, ITALY)		As of 1 <sup>st</sup> May 2026

## ◆ GTSJ Website

- <https://www.gtsj.or.jp/english/> for the newest information of GTSJ.



## ◆ How to Join GTSJ

- Please contact GTSJ office. E-mail: [gtsj-office@gtsj.or.jp](mailto:gtsj-office@gtsj.or.jp)
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