

# An example of IGTC2023 Extended Abstract

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## ABSTRACT

The Executive Committee has scheduled the 13th International Gas Turbine Congress (IGTC) in the autumn of 2023. The last IGTC was successfully held in 2019 in Toranomon Hills, located in the central part of Tokyo, with 488 participants and 178 presentations.

Papers related to any aspects of gas turbine, aero-engine, turbomachinery and energy conversion system are invited from all over the world. Plenary Lectures, Keynote Lectures and Panel Discussions will be arranged in addition to the General 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, welcome reception, and banquet will also be planned.

The Executive Committee cordially invites you to join the IGTC2023 for up-to-date information exchange and net-working.

## INTRODUCTION

The Executive Committee has scheduled the 13th International Gas Turbine Congress (IGTC) in the autumn of 2023. The last IGTC was successfully held in 2019 in Toranomon Hills, located in the central part of Tokyo, with 488 participants and 178 presentations.

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## METHODS

The Executive Committee has scheduled the 13th International Gas Turbine Congress (IGTC) in the autumn of 2023. The last IGTC was successfully held in 2019 in Toranomon Hills, located in the central part of Tokyo, with 488 participants and 178 presentations.

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## RESULTS AND DISCUSSION

### Effect of A

The Executive Committee has scheduled the 13th International Gas Turbine Congress (IGTC) in the autumn of 2023. The last IGTC was successfully held in 2019 in Toranomon Hills, located in the central part of Tokyo, with 488 participants and 178 presentations.

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Fig. 1 Kyoto City

Table. 1 Test cases

	A	B	C	D	E
Case 1					
Case 2					
Case 3					

**Effect of B**

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**CONCLUSIONS**

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[1] Yunoki, K., Nishiie, T., and Kurose, R., 2021, "Prediction of CO emissions in turbulent super lean premixed combustion under pressurized conditions using an LES/non-adiabatic FGM approach", *Journal of Gas Turbine, Propulsion and Power Systems*, Vol. 12, pp. 1-8.

[2] Kai, R., Takenaka, K., and Kurose, R., 2019, "Validation of non-adiabatic FGM approach for numerical simulation of flame propagation near the wall", *International Gas Turbine Congress 2019 (IGTC2019)*, Toranomon Hills Forum, Tokyo, Japan.