



FIRST CIRCULAR



19TH INTERNATIONAL CONFERENCE ON NUMERICAL COMBUSTION (ICNC 2024) MAY 7 - 10, 2024 KYOTO, JAPAN

The Japan Section of the Combustion Institute is pleased to announce and invite you to participate in the 19th edition of the International Conference on Numerical Combustion in Kyoto (Japan) on May 7-10, 2024. The 19th International Conference on Numerical Combustion in 2024 follows a series of conferences, the latest editions took place in Sorrento, Italy (2002), Sedona, USA (2004), Granada, Spain (2006), Monterey, USA (2008), Corfu, Greece (2011), San Antonio, USA (2013), Avignon, France (2015), Orlando, USA (2017), Aachen, Germany (2019), San Diego, USA (2022).

The conference will provide a forum for mutual exchange of information in the numerical combustion community involved in both fundamental and application oriented research and development.

Kyoto City, and KYOTO TERRSA:

Kyoto City is one of the most historical places in Japan, which was the capital of Japan for more than 1,000 years from the relocation of the capital in 794 to the relocation to Tokyo in 1869, so it is called the Ancient Capital. It is also now famous as a university city. Kyoto promises to provide visitors with beautiful landscapes, amazing entertainment and fine food. Kyoto City boasts world-class accessibility, with a quick link to the Kansai International Airport. Kyoto has gained an enviable reputation among foreign visitors as a city which is easy to get around. The conference venue, KYOTO TERRSA is located within 15 min walk from JR Kyoto Station.

Co-chairs:

R. Kurose (Kyoto Univ.), M. Tanahashi (Tokyo Tech), Y. Mizobuchi (JAXA)

Secretary General:

H. Watanabe (Kyushu Univ.)

CONTACT :

For additional information please contact

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THEMES OF CONFERENCE :

The themes of the forthcoming 19th International Conference on Numerical Combustion in 2024 will include, but not be limited to basic combustion physics and technological applications on:

- Laminar flames, kinetics, mechanism reduction
- Ignition, quenching
- Turbulent combustion
- Combustion dynamics and instabilities
- Emissions and pollution
- Droplets and sprays
- Real gas effects in combustion
- Heterogeneous combustion
- Detonation, explosions
- Gas turbines, engines and furnaces
- Fires
- Micro-combustion
- New combustion technologies
- Numerical methods for reacting flows
- Code coupling
- High-performance computing for combustion applications
- ... etc.

CONTRIBUTIONS :

Invited lectures: Invited lectures will be given by world leading scientists.

Contributed presentations: Presentations are selected on the basis of an abstract (200 - 300 words).

Mini-symposia: Mini-symposia are selected on the basis of a proposal

IMPORTANT DATES :

Submission of Mini-symposium proposal: August 11, 2023

Notification of acceptance of Mini-symposium: September 8, 2023

Submission of Abstract: December 15, 2023

Notification of acceptance of Abstract: January 19, 2024

