

Call for Papers

AJCPP2023

The 11th Asia Joint Conference on Propulsion and Power

March 15-18, 2023, Kanazawashi Cultural Hall, Kanazawa, JAPAN
organized by JSASS, and co-organized by KSPE and CSET

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Introduction

The 11th Asian Joint Conference on Propulsion and Power (AJCPP 2023) is the collaborative endeavor among the Japanese, Chinese, and Korean Societies for aerospace, mechanical engineering, thermo-fluid, electro-magnetic, plasma physics, structural, material design and fluid machinery. AJCPP conference is a bi-annual event held in Japan, China and Korea, alternately, and has served as an excellent platform in promoting Asian research activities in the fields of aerospace propulsion and power. This symposium provides the opportunity to Asia-Pacific nations for the researchers of universities and academic institutes, and for the industry engineers to discuss the current and future advanced topics on aerospace propulsion and power. The biggest goal of this conference will be to review recent progresses in the field of Propulsion and Power by exchanging results and discussing major problems among scientists and researchers working in this field. Participation from the research fraternity is highly solicited for patronizing the event. The 11th symposium, hosted by the aerospace propulsion committee the Japan Society for Aeronautical and Space Sciences, will be held from March 15 to 18, 2023 in Kanazawa, JAPAN. Kanazawa has historical spots, beautiful sea, good foods and sightseeing spots. All of members on the organizing committee invite all scientists and researchers to AJCPP 2023. We are looking forward to seeing all of you in Kanazawa.

Venue

Kanazawa city is located in Ishikawa prefecture, the Hokuriku region: the northwestern part of Honshu island, facing at the Sea of Japan. Kanazawa has been a central city of the Hokuriku region, which was part of ancient Kaga province. In Edo period, Kaga had massive production of 1.02 million koku and the fourth or fifth largest population followed by Edo, Osaka, and Kyoto. Kaga was also the largest feudal domain within the Tokugawa shogunate. A lot of historical landscape and the heritage have been preserved up to now. One of Kanazawa City's most famous traditions is the Gold leaf. In Kanazawa, you can enjoy, a lot of food, historical spots, and both modern and traditional culture of Japan.



Important Dates

Presentation Title Submission	October 14, 2022
Notification of Acceptance	November 28, 2022
Extended Abstract Submission	December 12, 2022

*2-page extended abstract shall be submitted for presentation in AJCPP 2023.

Registration Fee

Category	Early Bird(-1/31)	On-site
Member*	35,000 JPY	40,000 JPY
Student Member*	20,000 JPY	25,000 JPY
Non-member	40,000 JPY	45,000 JPY
Student Non-member	23,000 JPY	28,000 JPY

*Membership fee can be applied to members of JSASS, KSPE, and CSET.

*Registration fee for accompany person will be updated later.

Session Topics

Organized Sessions

Special sessions relating to the hot topics on propulsion and power will be organized by session program committees and organizers. Details on the organized sessions will be updated frequently.

General Sessions

- Aircraft Engine
- Rocket Propulsion (Solid/ Liquid/ Hybrid)
- Electric Propulsion and Advanced Propulsion
- Propulsion System for Reusable Launch Vehicles
- Structural/ Material Technology
- Engine Components (Turbomachinery/ Combustor)
- Combustion, Diffusion/ Turbulent Mixing
- CFD
- Measurement Techniques and Control/ Ground Test
- Reliability, Operation and Maintenance
- Others

Schedule

March 15, 2023	Registration, Welcome reception
March 16, 2023	Technical Sessions
March 17, 2023	Technical Sessions, Banquet
March 18, 2023	Post Conference Tour

Student/Young Researcher Award

Student authors and young researchers (under 35 years old) are encouraged to apply for the AJCPP2023 **Student/Young Researcher Award**. Applying papers and presentations will be evaluated in the Student/Young researcher Award Committee, and selected outstanding papers will receive the Best Student Paper Award or the Young researcher Paper Award.

Journal Publication

After the symposium, authors can submit their papers to special issue in **Transactions of JSASS Aerospace Technology Japan**. Aerospace Technology Japan is an online journal published in English, specifically featuring the field of aerospace technology. The submission due will be announced later.

Organizing Committee

International Organizing Committee Japan

- Prof. Kimiya KOMURASAKI (The University of Tokyo)
- Prof. Ikko FUNAKI (Japan Aerospace Exploration Agency)
- Dr. Sadatake TOMIOKA (Japan Aerospace Exploration Agency)

Korea

- Prof. Heuy Dong KIM (Andong National University)
- Prof. Hee Jang MOON (Korea Aerospace University)
- Prof. Hwan-Seok CHOI (Korea Aerospace Research Institute)

China

- Prof. Guang XI (Xi'an Jiaotong University)
- Prof. Chunwei GU (Tsinghua University)
- Prof. Riheng ZHENG (Beihang University)

Program Committee Chairs

a) Aircraft Propulsion:

Dr. Takayuki KOJIMA (Japan Aerospace Exploration Agency)

b) Space Propulsion:

Prof. Hiroaki KOBAYASHI (Japan Aerospace Exploration Agency)

c) Non-Chemical Space Propulsion:

Prof. Ikko FUNAKI (Japan Aerospace Exploration Agency)

Local Organizing Committee

- Prof. Kimiya KOMURASAKI (The University of Tokyo)
- Prof. Shinji NAKAYA (The University of Tokyo)
- Prof. Shigeru YOKOTA (Tsukuba University)
- Dr. Sadatake TOMIOKA (Japan Aerospace Exploration Agency)
- Dr. Takashi GOTO (IHI)
- Dr. Daiki TERAKADO (Japan Aerospace Exploration Agency)
- Mr. Hisashi SASAYAMA (IHI Aerospace)
- Mr. Tetsuya MATSUOKA (Kawasaki Heavy Industries)
- Mr. Kazuki SAKAMOTO (Acquisition, Technology & Logistics Agency)
- Ms. Midori AKAZAKI (Mitsubishi Heavy Industries Aero Engines)
- Prof. Koichi MORI (Osaka Metropolitan University)
- Prof. Hiroshi Katsurayama (Tottori University)
- Prof. Naoji Yamamoto (Kyushu University)
- Prof. Yoshinori Takao (Yokohama National University)
- Prof. Yuya Ooshio (Ryukoku University)