

13th Asian Computational Fluid Dynamics Conference **Hybrid Conference**

ACFD 2022

October 16(Sun) ~ 19(Wed), 2022 / Jeju Shinhwa World, Jeju, Korea

Important Dates

Abstract Submission	13 Jul. 2022
Notification of Acceptance	12 Aug. 2022
Full-paper Submission (optional)	13 Sep. 2022
Early Registration Due	13 Sep. 2022

Introduction

The 13th Asian Computational Fluid Dynamics Conference (ACFD2022) will be held on 16~19 October 2022 at the Jeju Shinhwa World, Korea. **ACFD2022 will be held in a hybrid format, mostly in-person but partially online.** The conference will provide Asian researchers in the field of computational fluid dynamics an opportunity to present their latest research results.

We, The Korean Society of Computational Fluids Engineering, are delighted that ACFD2022 will be held back in Korea after several years of experiencing the difficult situation of COVID-19. We sincerely hope you will join and enjoy the conference in Jeju, the biggest and the most beautiful island in Korea.

Program at a Glance

※ Subject to change

	Oct. 16, 2022	Oct. 17, 2022	Oct. 18, 2022	Oct. 19, 2022
Morning	-	Opening	-	-
		Plenary	Plenary	Panel Discussion & Technical Tour
		Sessions	Sessions	
		Lunch & Poster	Lunch & Poster	
Afternoon	Registration	Invited Talk	Invited Talk	Panel Discussion & Technical Tour
		Sessions	Sessions Plenary	
Evening	Welcome Reception	-	Banquet	-

Registration Fees

※ Subject to change

	Early Bird		Regular/On-site	
	Offline	Online	Offline	Online
Regular	US\$600	US\$400	US\$700	US\$470
Student	US\$300	US\$200	US\$350	US\$230
Accompanying	US\$100	US\$70	US\$100	US\$70

※ Please note that the registration fee is non-refundable after September 13, 2022.
 ※ If you have any inquiries about registration, please contact the secretariat at acfd2022@themiceter.com

Aims and Scope

The conference is established to disseminate significant results of CFD. Subjects of interest include but are not limited to :

- Adjoint and Design Optimization Methods
- Aero-Acoustics
- Cavitating Flows
- Compressible Flows
- Computational Aerodynamics
- Computational Bio-Fluid Mechanics
- Data-Driven CFD
- Environmental Flows
- Fluid Machinery
- Fluid-Structure Interaction
- Heat and Mass Transfer
- High-Order Methods
- HPC and Parallel Computations
- Hypersonic and Reactive Flows
- Incompressible Flows
- Industrial Applications of CFD
- Marine Renewable Energy
- Micro and Nano Flows
- Multiphase Flows
- Numerical Methods for Conservation Laws
- Rarefied Gas Flows
- Turbulence Modelling (RANS/DES/LES)
- Turbulence Simulations
- Unstructured and Adaptive Grids

Paper Preparation

All abstracts must be submitted in English with accurate grammar and spelling suitable for publication and should present novel and preferably unpublished at the time of the conference.

Abstracts should be submitted online by uploading a file (MS Word/Latex). Only the corresponding author will receive all information concerning the abstract and will be responsible for informing co-authors of the status of the abstract.

Full papers (not mandatory) will be solicited in September 2022. About 20 papers will be selected to undergo a peer-review process for publication in the special issues of International Journal of Aeronautical and Space Sciences (IJASS; Springer, SCIE indexed) and International Journal of Computational Fluid Dynamics (IJCFD; Taylor & Francis; SCIE indexed). Abstracts must be a maximum of two pages long, and full papers (optional) must be within 6 pages. Submission procedure, abstract, and paper templates will be available on the official website in December 2021.

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About Jeju Island

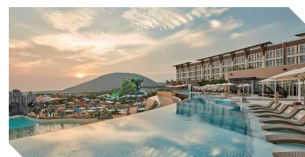


Jeju Island is a volcanic island, 130 km from the southern coast of Korea. The largest island and smallest province in Korea, the island has a surface area of 1,846 sqkm. Especially, foreigners can enter Jeju Island without a visa for the purpose of transit and tour.



A central feature of Jeju is Hallasan Mountain, the tallest mountain in South Korea and a dormant volcano, which rises 1,950m above sea level. 360 satellite volcanoes are around the main volcano. Three areas (Hallasan Mountain Natural Reserve, Geomunoreum Lava Tube System, and Seongsan Ilchulbong Tuff Cone) known as 'Jeju Volcanic Island and Lava Tubes' were selected unanimously by the World Heritage Committee as the first World Natural Heritage Site in South Korea. We sincerely welcome your visit to this beautiful Jeju as a participant of ACFD 2022.

About the Venue (Jeju Shinhwa World)



Jeju Shinhwa World is home to the island's largest premium hotel and resort complex, boasting more than 2,000 diverse guest rooms. Comprising four distinct hotels and resorts nestled in the heart of Jeju's unique "Gotjawal" forest, the complex also features a theme park, water park, myriad dining and shopping opportunities, and a convention center, creating a new and exciting paradigm in Jeju tourism. From the unsurpassed service of global brand Marriott Resort to new lifestyle experiences at Shinhwa Hotel, affordable five-star comfort at Landing Resort and luxury family vacations at Somerset, Jeju Shinhwa World has the perfect accommodation option for every Jeju trip.

Jeju Int'l Airport > Jeju Shinhwa World



Shuttle Service (Complimentary)

- It takes about 1 hour by Shuttle Bus.
- The schedule will be provided on the website later.



Taxi

- It takes about 50 minutes by Taxi.
- Taxi fares from the airport to the hotel are fixed, so confirm the fare prior to departure. (approx. KRW 30,000)