

## ABOUT FUKUOKA

Fukuoka is an energetic city and the centre of core city of politics, economy, culture and fashion in Kyushu. As "a gateway to Asia", it is well serviced by international air. It also has great accessibility in the city, for instance it only takes 5 minutes to Hakata station and 11 minutes to Tenjin from Fukuoka airport. Fukuoka is expected to further leap forward as its population reached 1.5 million, so come and take a look at this vibrant city!

(cited from YOKANAVI <https://yokanavi.com/en/appeal/>)



## CONTACT

CONFERENCE SECRETARIAT

✉ [secretary@acts2020jp.org](mailto:secretary@acts2020jp.org)

provided by Fukuoka city

## TRAVEL INFORMATION



### FUKUOKA INTERNATIONAL CONGRESS CENTER

2-1 Sekijo-machi, Hakata-ku, Fukuoka City 812-0032  
TEL: 092-262-4111



#### To Fukuoka airport

Tokyo	Approx. 90min	round trip 54 flights/day
Osaka(Itami)	Approx. 70min	round trip 10 flights/day
Osaka(Kansai)	Approx. 60min	round trip 5 flight/day
Miyagi(Sendai)	Approx. 100min	round trip 7 flight/day
Seoul	Approx. 80min	round trip 136 flights/day
Taipei	Approx. 160min	round trip 39 flights/day
Hong Kong	Approx. 235min	round trip 30 flights/day

\*Flight information might be changed due to circumstances of airlines.



#### by Train

- A 12-minute walk from Subway Gofukumachi Station
- A 15-minute walk from Subway Nakasu-Kawabata Station
- A 22-minute walk from Nishitetsu Tenjin Station
- A 22-minute walk from Subway Tenjin Station
- A 27-minute walk from JR Hakata Station



#### by Bus

- Tenjin Solaria Stage-mae Bus Stop 2A  
→ International Congress Center/Sunpalace
- Hakata Sta.F → International Congress Center/Sunpalace
- Hakata Sta.F → Kokusai Center/Sunpalace



#### by Taxi

- From Fukuoka Airport → With a taxi: approx. 15 minutes
- From Hakata Airport → With a taxi: approx. 10 minutes
- From Tenjin Area → With a taxi: approx. 6 minutes



# 2<sup>nd</sup> ACTS

Oct.03(Sun.)-07(Thu.), 2021

Fukuoka International Congress Center,

**FUKUOKA, JAPAN**

**2<sup>nd</sup> ASIAN CONFERENCE ON THERMAL SCIENCES**

<http://acts2020jp.org/>



#### ORGANIZED BY

Heat Transfer Society of Japan

#### CO-ORGANIZED BY

Heat and Mass Transfer Society of China  
The Korean Society of Mechanical Engineers  
Australasian Fluid and Thermal Engineering Society  
Indian Society For Heat and Mass Transfer  
Heat and Mass Transfer Society of Taiwan

#### SUPPORTED BY

Asian Union of Thermal Science and Engineering

## 2<sup>nd</sup> ACTS

Asia has a lot of emerging countries and regions that are winning recognition in the world heat transfer community. To enhance more scientific interactions among Asian researchers, scientists, engineers, and practitioners working in the area of heat transfer, the regional international association, Asian Union of Thermal Sciences and Engineering (AUTSE), was established in November, 2015.

AUTSE has decided to launch a new series of conferences, Asian Conference on Thermal Sciences (ACTS): the first ACTS was held in Jeju, Korea in 2017 and the second ACTS will be held in Fukuoka, Japan in 2021 which is organized by Heat Transfer Society of Japan and co-organized by Heat and Mass Transfer Society of China and the Thermal Engineering Division of Korean Society of Mechanical Engineers (KSME).

### ORGANIZED SESSIONS

Air conditioning and refrigeration

Bio and medical

Boiling phase-change

Combustion

Condensation phase-change

Conduction

Convection

Electronic cooling

Environmental system

Energy conversion

Heat exchanger

Measurement and instrumentation

Micro/Nano heat transfer

Multiphase phenomena

Nuclear energy

Solar/renewable energy

Thermal management

Thermal radiation

Thermal storage

Thermophysics and thermophysical properties

## PLENARY LECTURES

### ● Microfluidics and Microscale Transport Processes

**Suman Chakraborty**

Indian Institute of Technology, Kharagpur

### ● Adsorption Refrigeration: Numerical Approaches for System Analysis

**Jae Dong Chung**

Sejong University

### ● Renaissance of Energy Storage Technologies for Low-Carbon Society

**Yukitaka Kato**

Tokyo Institute of Technology

### ● Control of Flow and Heat Transfer Instabilities

**Sasa Kenjeres**

Delft University of Technology

### ● Radiative Transfer in High-Temperature Solar Thermochemical Systems

**Wojciech Lipinski**

The Australian National University

### ● Thermoelectric Energy Conversion from Nanoscale Devices to Systems

**Ali Shakouri**

Purdue University

### ● New Principles and Methods for Measuring Thermal Properties at Nanoscale

**Xing Zhang**

Tsinghua University

## REGISTRATION FEE

	Regular	Student	Accompanied person
Early-bird registration	<b>80,000JPY</b> (approx. 750USD)	<b>40,000JPY</b> (approx. 370USD)	<b>10,000JPY</b> (approx. 90USD)
On-site registration	<b>95,000JPY</b> (approx. 890USD)	<b>60,000JPY</b> (approx. 560USD)	<b>10,000JPY</b> (approx. 90USD)

## IMPORTANT DATES

● Deadline for abstract submission	March 26, 2021
● Deadline for submission of extended abstract	April 30, 2021
● Notification of acceptance	May 28, 2021
● Deadline for early-bird registration	August 27, 2021

## COMMITTEE

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