

# ISASF-2023

International Symposium on Advances in Supercritical Fluids  
Oct 16–Oct 20, 2023

## Organizing Chairs

**Jaehoon Kim**

School of Mechanical Engineering, School of Chemical Engineering & SKKU  
Advanced Institute of Nano Technology, Sungkyunkwan University

**Hong-shik Lee**

Green and Sustainable Materials R&D Department  
Korea Institute of Industrial Technology

**Tae Jun Yoon**

Department of Chemical Engineering & Applied Chemistry  
Chungnam National University

## Organized by

**Sungkyunkwan University**

**Chungnam National University**

**BrainKorea FOUR@SKKU Mechanical Dept.**

(Human-centered convergence machine solution education and research to nurture future talent)

**BrainKorea FOUR@CNU Chemical Dept.**

(Education and Research Group for Convergent Chemical Materials in the 4th Industrial Revolution Era)

## Sponsors



# International Symposium on Advances in Supercritical Fluids

Oct 16–Oct 20, 2023

Sungkyunkwan University, Suwon

## Sponsors



충남대학교  
4차 산업혁명 대응 융합형 화공소재 교육연구단

Supercritical Fluid  
Innovation



충남대학교  
Chungnam National University

# ISASF-2023

International Symposium on Advances in Supercritical Fluids  
Oct 16–Oct 20, 2023

## Overview

Oct 16 (Mon) : Symposium at SKKU and Lab tour to GEMP@SKKU  
Welcome reception (TBD)

Oct 17 (Tue) : Symposium (TBD)  
Excursion (Korean Folk Village)

Oct 18 (Wed) : Plant visit  
Coseed Biopharm (SFE)  
Ilshin Autoclave (Equipment)  
GF Fermentech (SFE)

Oct 19 (Thur) : Plant visit  
Jeonnam Bioindustry Foundation (SFE)  
Daejoo Machinery (Supercritical dyeing)

Oct 20 (Fri) : Plant visit  
Kyujanggak Institute for Korean Studies (SFE)  
Wrap-up meeting

## Organizing Chairs

Prof. Jaehoon Kim (SKKU)  
Dr. Hong-shik Lee (KITECH)  
Prof. Tae Jun Yoon (CNU)

## Organized by

Sungkyunkwan University  
Chungnam National University  
BK21 FOUR program, Mechanical Eng.@SKKU  
BK21 FOUR program, Chem. Eng.@CNU

## Supported by

BK21 FOUR program, Mechanical Eng.@SKKU  
BK21 FOUR program, Chem. Eng.@CNU  
Sungkyunkwan University  
Supercritical fluid Innovation, France

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Oct 16–Oct 20, 2023

**Fee includes** : TBD

- Registration
- Accommodation (Sun–Fri)
- Excursion
- Transpiration for the plant visit
- Meals

**Abstract due date** : 2023.07.31

**Abstract submission** : leehongshik@kitech.re.kr

**Symposium location** :

TBD, Sungkyunkwan University

From Novotel Ambassador  
Suwon Hotel to Sungkyunkwan  
University, it will take about 15  
min by Taxi



1 Real-time best

14분 | 5.1km






Cost Taxi ₩6,500 | Fuel ₩708  
Suin-ro on the way







# Plant Visit

Oct 18, 2023 (Wed)



Time	Event
08:30 – 10:00	Transfer to Chungju City 
10:00 – 11:30	SFE Plant at <b>Coseed Biopharm</b> 
11:30 – 13:00	Lunch
13:00 – 14:00	Transfer to Gumsan Gun 
14:00 – 15:00	Supercritical Solvothermal Unit <b>BesTech Enterprise</b> 
15:00 – 16:00	<b>Plenary Lecture III : Treatment of TPA wastewater by SCWO</b> Youn-Woo LEE (Seoul National University, Korea)
16:00 – 16:30	Transfer to Daejeon City
16:30 – 18:00	Equipment Manufacturer <b>Ilshin Autoclave</b> 
18:00 – 20:00	Dinner
20:00 –	Lotte City Hotel, Deajeon

Oct 19, 2023 (Thur)

Time	Event
08:00 – 10:30	Transfer to Suncheon City 
10:30 – 12:00	SFE Plant at <b>Jeonnam Bioindustry Foundation</b> 
12:00 – 13:30	Lunch
13:30 – 15:30	Transfer to Daegu City 
15:30 – 16:30	Supercritical Dyeing Plant @ <b>Daejoo Machinery</b> 
16:30 – 17:30	<b>Plenary Lecture IV : Supercritical Fluid as a Green Solvent</b> Jaehoon KIM (Sungkyunkwan University, Korea)
17:30 – 19:00	Dinner
19:00 – 22:30	Transfer to Seoul
22:30 –	Shilla Stay Gwanghwamun, Seoul

Oct 19, 2023 (Fri)

Time	Event
09:00 – 10:00	Transfer to Seoul National University
10:30 – 12:00	SFE Plant at <b>Kyujanggak Institute for Korean Studies</b> 
12:00 – 13:30	Lunch
13:30 – 14:00	Wrap-up meeting
20:00 –	Shilla Stay Gwanghwamun, Seoul



# Transportation

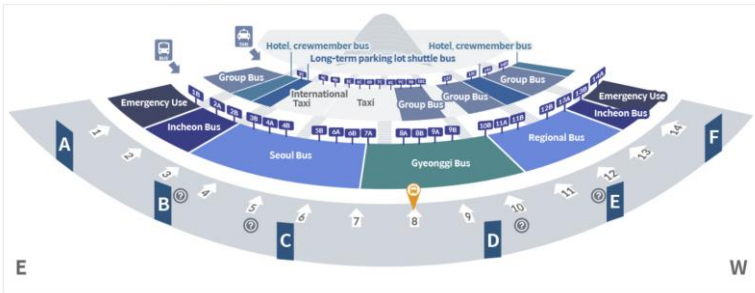
Oct 15, 2023 (Sun):

Incheon Airport → Novotel Ambassador Suwon Hotel

<https://www.airport.kr/ap/en/tpt/busRouteList.do>

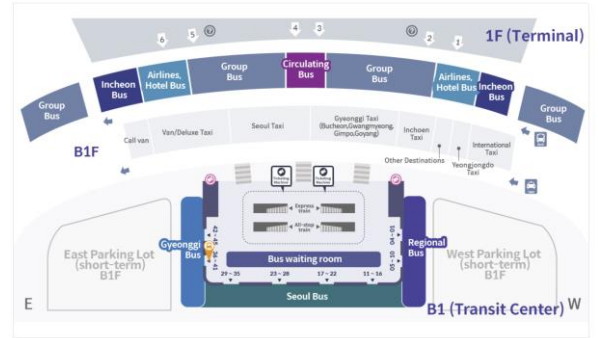
① Go to Bus Satiation at Incheon Airport [Terminal 1]

Terminal 1 Bus stop location (1 Floor 8No.)



[Terminal 2]

Terminal 2 Bus stop location (Transportation center Basement 1 36No.)



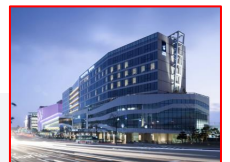
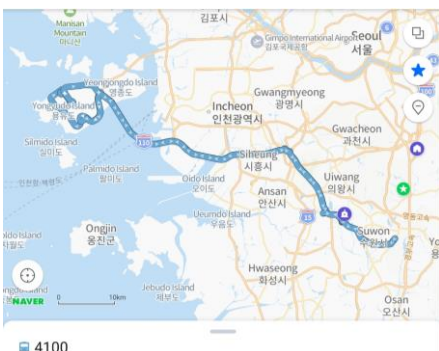
② Take 4100 Airport Limousine Bus

4100

Final destination	First bus	T1 07:25 / T2 07:05	Last bus	T1 23:05 / T2 22:45
Fare	₩13,500			
Bus Company(Contact)	Gyeonggi airport limousin bus(+82-31-269-9500)			

Bus Schedule(T1/Weekend)	07:25	08:00	08:35	09:10	09:40	10:10	Bus Schedule(T2/Weekend)	07:05	07:40	08:15	08:50	09:20	09:50
	10:45	11:10	11:40	12:10	12:50	13:20		10:25	10:50	11:20	11:50	12:30	13:00
	14:00	14:40	15:15	15:45	16:20	17:00		13:40	14:20	14:55	15:25	16:00	16:40
	17:25	17:40	18:25	18:45	19:20	20:20		17:05	17:20	18:05	18:25	19:00	20:00
	20:50	21:20	21:50	22:25	22:50	23:05		20:30	21:00	21:30	22:05	22:30	22:45

③ Incheon Airport → Novotel Ambassador Suwon Hotel (Suwon Station) (1 h 30 min)

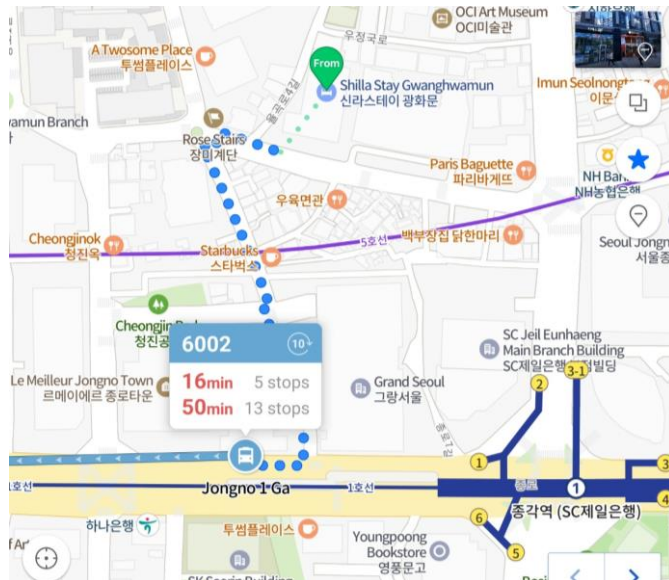


# Transportation

Oct 21, 2023 (Sat):

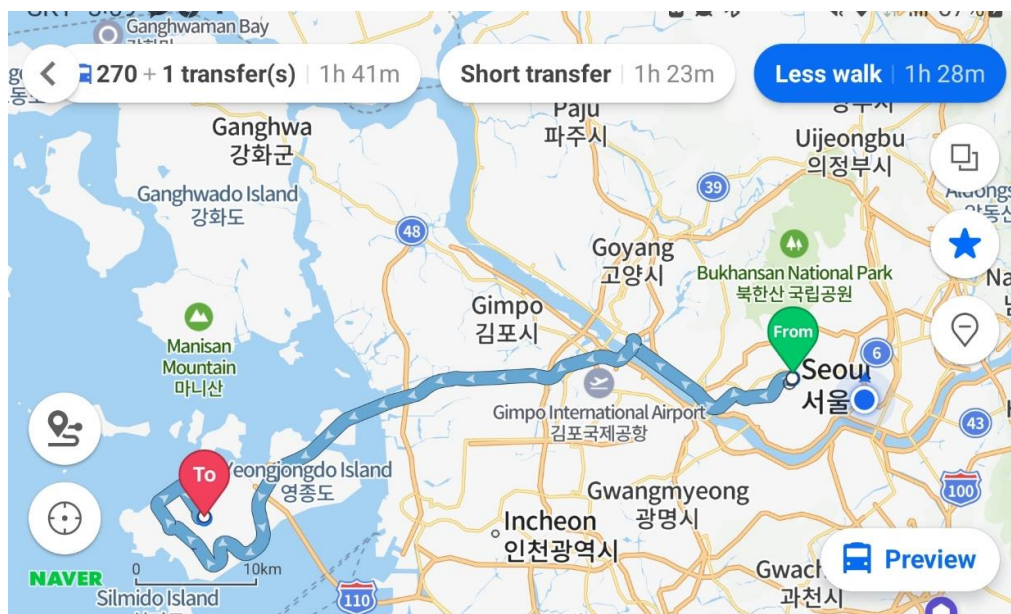
Shilla Stay Gwanghwamun → Incheon Airport

① Shilla Stay Gwanghwamun → Jongno 1 Ga (5 min walk)



② Take 6002 4100 Airport Limousine Bus @ Jongno 1 Ga bus station

③ Jongno 1 Ga → Terminal 2 @ Incheon Airport



# Hotels

Oct 15 (Sun)–Oct 18 (Tue)

Novotel Ambassador Suwon Hotel

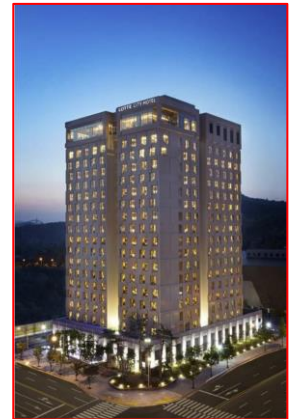
<https://www.ambatel.com/novotel/suwon/en/main.do>



Oct 18 (Wed)

Lotte City Hotel Daejeon

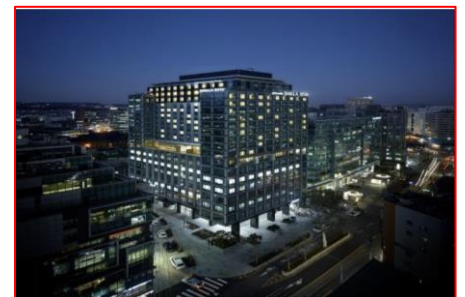
<https://www.lottehotel.com/daejeon-city/ko.html>



Oct 19 (Thur)–Oct 20 (Fri)

Shilla Stay Gwanghwamun

<https://www.shillastay.com/gwanghwamun/index.do>





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