

The Second Circular

AFAD2018

(9th Asian Forum for Accelerators and Detectors)

January 28 -31, 2018

Daejeon Convention Center, Daejeon, Korea

Homepage: <https://indico.ibs.re.kr/e/afad2018>

The 9th Asian Forum for Accelerators and Detectors (AFAD) will be held from January 28 to 31, in Daejeon, Korea. AFAD is organized by Asian Committee of Future Accelerator (ACFA) to promote collaboration among universities and research institutes in Asia and Oceania. The major focus of forum will be given to the fields of accelerators, detectors and related technologies in the industry as well as in the research institutes. AFAD2018 is being organized by the Institute for Basic Science (IBS) and will be hosted by a team of Rare Isotope Science Project.

1. Important dates

Registration: December 29, 2017

Abstract deadline: December 29, 2017

Forum dates: January 28-31, 2018

2. Topics

Seven Working Groups (WG) are formed with the following topics:

- WG1: Accelerator and its related technologies for photon science
- WG2: Detector Technology Development
- WG3: Accelerator technologies for industrial & medical applications
- WG4: Innovative accelerator techniques
- WG5: Accelerator and its related technologies for hadron (neutron) science
- WG6: Network & Computing
- WG7: Cryogenics, Cryomodule and Superconducting Technology for Accelerator

3. Forum venue

AFAD 2018 will be held at DCC (Daejeon Convention Center). Detailed information could be found from the DCC website; <http://www.dcckorea.or.kr>

DCC Daejeon Convention Center



- **Location** : SMART City, Doryongdong Yuseong-gu, Daejeon
- **Area** : Building 9,558m², Total Space 29,512m²
- **Levels** : Different 5 levels
- **Accommodation** : 5-star hotel(300 rooms), youth hostels(100 rooms), guest house(80 rooms)

4. Oral presentation and abstract submission

All oral presentations for the seven WG's are decided by the conveners. All participants who want to present oral presentations should contract a convener in the list of Section 5 or Local Organizing Committee members. All presenters are cordially asked to submit abstracts at the Website. The speaker should prepare for a PPT file.

5. Working groups and Conveners

Working Groups		Organizers	Affiliation	E-mail
WG1: Accelerator and its related technologies for photon science	Conveners	Dong Wang, China	SINAP	wangdong@sinap.ac.cn
		Urakawa, Junji, Japan	KEK	junji.urakawa@kek.jp
		Deb, S.K., India	RRCAT	skdeb@rrcat.gov.in
		Hwang, C.S., Taiwan	NSRRC	cshwang@nsrrc.org.tw
		Rohan Dowd, Australia	Australian Synchrotron	Rohan.Dowd@synchrotron.org.au
		Kulipanov, Gennady, Russia	BINP	G.N.Kulipanov@inp.nsk.su
		Park, Sungju, Korea	PAL/POSTECH	sjpark@postech.ac.kr
	Co-Conveners	Park, Sungju, Korea	PAL/POSTECH	sjpark@postech.ac.kr
WG2: Detector technology development	Conveners	Heng , Yuekun, China	IHEP	hengyk@ihep.ac.cn
		Uno, Shoji, Japan	KEK	shoji.uno@kek.jp
		Chattopadhyay, Subhasis, India	VECC	sub@vecc.gov.in
		Yee, Hsiung, Taiwan	National Taiwan University	yhsiung@phys.ntu.edu.tw
		Jackson, Paul, Australia	The University of Adelaide	pjackson@adelaide.edu.au
		Tikhonov, Yury, Russia,	BINP	Yu.A.Tikhonov@inp.nsk.su
		Won, Eunil, Korea,	Korea University	eunilwon@korea.ac.kr
	Co-Conveners	Ryu, Minsang, Korea	Institute for Basic Science	minsang.ryu@ibs.re.kr
WG3: Accelerator technologies for industrial & medical applications	Conveners	Tang, Chuanxiang, China	TsingHua University	tang.xuh@tsinghua.edu.cn
		Takayama, Ken, Japan	KEK	takayama@post.kek.jp
		Kanjilal, D., India	IUAC	dkiuac@gmail.com
		Gwo-Huei Luo, Taiwan	NSRRC	luo@nsrrc.org.tw
		Rosenfeld, Anatoly, Australia	The University of Wollongong	anatoly@uow.edu.au
		Kuksanov, Nikolay, Russia,	BINP	kuksanov@inp.nsk.su
		Oh, Byung-Hoon, Korea	KAERI	bhoh@kaeri.re.kr
	Co-Conveners	Kim, Jae-Hong, Korea	Institute for Basic Science	jhkim68@ibs.re.kr
WG4: Innovative accelerator technologies	Conveners	Gao, Jie, China	IHEP	gaoj@ihep.ac.cn
		Koyama, Kazuyoshi, Japan	KEK	koyama-kazu@nifty.com
		Moorti, Anand, India	RRCAT	moorti@rrcat.gov.in
		Huang, Yen-Chieh, Taiwan	National Tsing Hua University, Taiwan	ychuang@ee.nthu.edu.tw
		LeBlanc, Greg, Australia	Australian Synchrotron	greg.leblanc@synchrotron.org.au
		Lotov, Konstantin, Russia	BINP	K.V.Lotov@inp.nsk.su
		Suk, Hyyong, Korea,	Gwangju Institute of Science and Technology	hysuk@gist.ac.kr
	Co-Conveners	Hur, Min-Sup, Korea	UNIST	mshur@unist.ac.kr

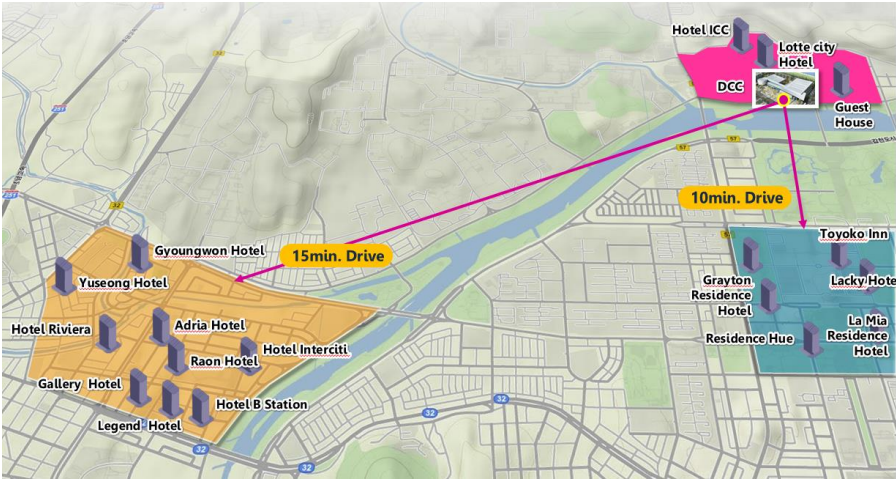
WG5: Accelerator and its related technologies for hadron (neutron) science	Conveners	Fu, Shnian, China	IHEP	fusn@ihep.ac.cn
		Ino, Takashi, Japan	KEK	takashi.ino@kek.jp
		Joshi, Satish Chandra, India	RRCAT	scjoshi@rrcat.gov.in
		Chen, Jim, Taiwan	CEO, one startup company, Taiwan	jimchen777@gmail.com
		Rassool, Roger, Australia	The University of Melbourne	rogerpr@unimelb.edu.au
		Ivanov, Aleksandr, Russia,	BINP	A.A.Ivanov@inp.nsk.su
	Co-Conveners	Kim, Eun-San, Korea	Korea University, Sejong	eskim1@korea.ac.kr
WG6: Network & Computing	Conveners	Chen, Gang, China	IHEP	cheng@ihep.ac.cn
		Nakamura, Tomoaki, Japan	KEK	Tomoaki.Nakamura@kek.jp
		Roy, Amitava, India	VECC	amatav@vecc.gov.in
		Eric Yen, Taiwan	Academia Sinica	Eric.Yen@twgrid.org
		Williams, Anthony, Australia	The University of Adelaid	anthony.williams@adelaide.edu.au
		Kuper, Eduard, Russia,	BINP	E.A.Kuper@inp.nsk.su
	Cho, Kihyeon, Korea	KISTI	cho@kisti.re.kr	
Chariperson				
Co-Conveners	Buseung Cho, Korea	KISTI	bscho@kisti.re.kr	
WG7: Cryogenics, Cryomodule and Superconducting Technology for Accelerator	Conveners	Shaopeng Li, China	IHEP	lisp@ihep.ac.cn
		Kenji Hosoyama, Japan	KEK	kenji.hosoyama@kek.jp
		Tripti Sekhar Datta, India	IUAC	tsdatta59@gmail.com
		Feng- Zone Hsia, Taiwan	NSRRC	fzh@nsrrc.org.tw
		Lobanov, Nikolai, Australia	ANU	Nikolai.Lobanov@anu.edu.au
		Nikay Agapov, Russia	JINR	agapov@lhe.jinr.su
	Hyeok-Jung Kwon, Korea	KAERI	hjkwon@kaeri.re.kr	
Co-Conveners	Kim, Youngkwon, Korea	Institute for Basic Science	ykkim78@ibs.re.kr	

6. Accommodation

There are three hotels within walking distance from the venue as listed in the table below. In addition, there are many hotels in Daejeon area and public transportation to the venue is available. Some rooms are reserved in block for the Forum with discounted price, and most room reservation can be cancelled without penalty if requested one week earlier than your arrival date.

You can reserve rooms of the Lotte City Hotel and the Hotel ICC online. To reserve rooms of the Guest House, please send your reservation details to Mr. Beomsoo Joo (bjoo@ibs.re.kr).

	Website	Single room	Double room
Lotte City Hotel, Daejeon	http://www.lottehotel.com/city/daejeon/en/Default.asp	126,500 KRW w/o Breakfast 146,500 KRW w Breakfast	
Hotel ICC	http://hotelicc.com/eng/index.do	67,500 KRW* w Breakfast	85,500 KRW* w Breakfast
Guest House	https://gh.innopolis.or.kr/index_e.php	40,000 KRW w/o Breakfast ^{&} 1\$~1130 KRW (Oct, 2017)	55,000 KRW w/o Breakfast
		* Subject to change in 2018	^{&} Breakfast set: 5,500 KRW



7. Transportation

How to reach Daejeon

Incheon Int'l Airport
 IIAIC Incheon International Airport
 Every day, more than 150 direct flights from more than 80 major cities

- Incheon Int'l Airport**
 - KTX Train : 80 min
 - Limousine Bus : 2 hrs
- Seoul**
 - KTX Train : 50 min
 - Bus : 2 hrs
- Cheongju Int'l Airport**
 - Train : 40 min
 - Limousine Bus : 40 min

More details of transportation from Incheon airport to the hotels can be found in the end of this circulation.

8. Visa application

If you need a personal letter of invitation to attend the Forum, please email to jwkim@ibs.re.kr and provide the following information:

- Full name and Affiliation
- Complete mailing address
- Email address
- Phone number

The invitation letter for Visa application will be emailed to you. A hard copy could be mailed as per your request.

9. Industrial exhibition

The industrial exhibition will be an opportunity for the industries to show their products to the community of accelerators and experimental physics. The booth reservation for the exhibition is due by Dec 29, 2018. The allocation of the booths will be made on a "first come - first served" basis so we highly recommend reserving one early. The fee charged is around 2000 USD for a single booth and 3000 USD for a double booth.

Contact information:

Dr. Jang-Min Han

Email: jmhan001@ibs.re.kr

Tel: +82-42-878-8749

CC: Dr. Jongwon Kim at jwkim@ibs.re.kr

Exhibition Hall

1st Floor



10. Local Organizing Committee

Sun-Chan Jeong (RISP/IBS) Chair
Hoe-Chun Jung (RISP/IBS)
Jongwon Kim (RISP/IBS, Korea Univ. Sejong Campus)
Beomsoo Joo (RISP/IBS)
Sungju Park (PAL/POSTECH)
Kihyeon Cho (KISTI)
Hyyong Suk (GIST)
Eun-San Kim (Korea Univ. Sejong Campus)

11. Contact Information

Jongwon Kim email: jwkim@ibs.re.kr
Beomsoo Joo email: bjoo@ibs.re.kr

12. Excursion on January 31 (tentative)

An excursion is planned on Jan. 31 to visit Gongju-Buyeo area, where is a part of UNESCO World Heritage site. This area is rich in the history of an old Kingdom of Baekjae (白濟, BC 18 ~ AD 660). Baejae had intimate relationship with old China and Japan, and some historical sites will be visited. The tour has been arranged by Hana Tour (<https://www.hanatour.com>), which is the largest tour company in Korea.

The tour schedule is as follows:

Area	Time	Schedule
Daejeon	9:00	Daejeon --> Gongju
Gongju		Korean Traditional Village
		National Museum of Gongju
		Tomb of King Mu-ryeong of Baekjae
		Gongju--> Buyeo
	12:00	Lunch (with rice wrapped in a lotus leaf)
Buyeo		Stone Pagoda of JeongRim Temple, Exhibition Hall
		Buso Castle, Nakhwaam Rock
		Cruise (Baekma river), Goran Temple
	18:00	Buyeo --> Daejeon

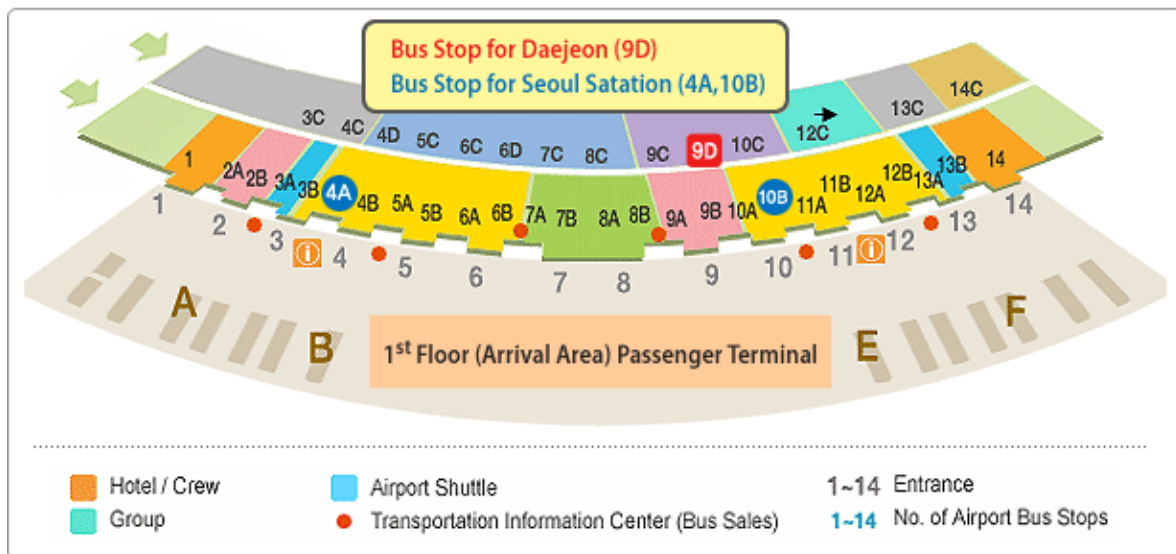
Please indicate your intention of taking the tour when you register at the website. The tour fee shall be paid at the reception desk. Cost: 100,000 KRW (~\$92, tentative)

How to get to the Hotels

From Incheon International airport

1) By Limousine Bus

Route: Incheon Int'l Airport → Daejeon Government Complex → Hotels (Lotte City, ICC, Guest House)



Take an Airport Limousine Bus from Incheon Int'l Airport to Daejeon Government Complex*. And take a taxi from Daejeon Government Complex to your Hotel (Lotte, ICC, Guest house, etc.)

* There are a few bus stops in Daejeon and Daejeon Government Complex is the third bus stop.

Bus Stop	Time	Duration	Fare (KRW) (2016)
9D	06:20 ~ 22:30	~180 min	23,100 (Deluxe)

※ Please refer to the timetable for the limousine services from Incheon Int'l Airport to Daejeon.

Taxi From Daejeon Government Complex to the Hotels

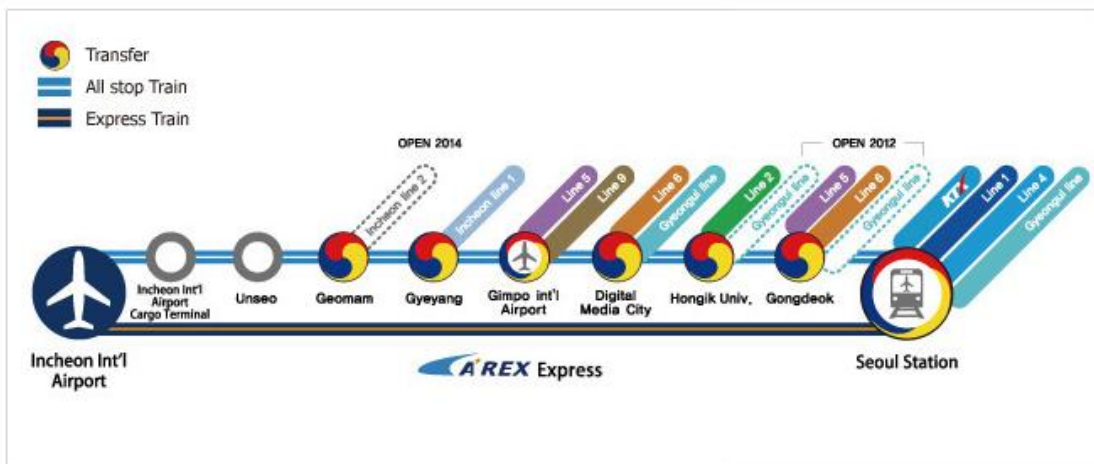
Taxi Stop	Destinstion	Duration	Fare
Daejeon Government Complex	Hotels near DCC	~15 min.	6,000 KRW*

*The fare can be changed according to the circumstance.

2) By train

Route: Incheon Int'l Airport →(Seoul Train Station) → Daejeon Train Station→ Hotels (Lotte City, ICC, Guest House)

By Train (Airport express) From Incheon Int'l Airport to Seoul Station



By Train (KTX) from Seoul station to Daejeon Station: You can book a ticket by yourself via the website of KORAIL.

KTX from Incheon Airport directly to Daejeon may not be so frequent.

By Taxi From Daejeon Station To the Hotels

Taxi Stop	Destination	Duration	Fare
Daejeon station	Hotels near DCC	~30 min.	10,000 KRW