



ICHEP2018 SEOUL

XXXIX INTERNATIONAL CONFERENCE
ON *high Energy* PHYSICS

JULY 4 - 11, 2018
COEX, SEOUL

ICHEP2018 Report

13:00 – 16:00, July 8 (Sun), 2018



一令勿謝○戊辰○夜有一更客星在尾宿十度去極一百一十度形如



[Contents]

1. Conference Overview
2. Timeline
3. Conference Venue
4. Participants
5. Conveners and plenary speakers
6. Public Lectures
7. Social Program
8. Travel Grant
9. Promotional Activities
10. Accommodation
11. Sponsors
12. Budget

1. Conference Overview

Title XXXIX International Conference on High Energy Physics (ICHEP2018)

Date July 4 (Wed) ~ July 11 (Wed), 2018

Venue COEX, SEOUL / Exhibition hall: D2 Hall (2,916m²)

Organized by  C11 Commission of the International Union of Pure and Applied Physics

Hosted by  Institute for Basic Science

 The Korean Physical Society

Website www.ichep2018.org

SNS www.twitter.com/pressichep

2. Timeline

Year 2016~

Promotional Activities

Complete list of LOC members

Year 2016 April

Contract with InSession International Convention Services, Inc. (PCO)



Year 2017 August

Form International Advisory Committee

September

Request IAC for recommendation of conveners of parallel sessions with our suggestion of session titles

2. Timeline

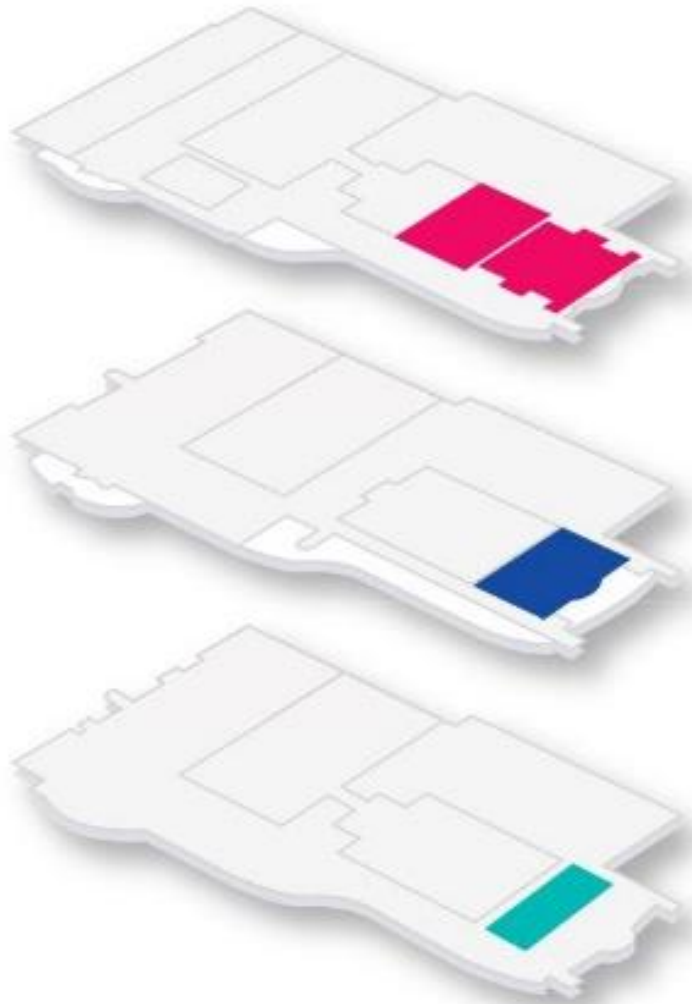
Year 2017	September	Request IAC for recommendation of conveners of parallel sessions with our suggestion of session titles
	October	Finalize IAC/LOC/LPC members
	December	Request for suggestions of plenary speakers
Year 2018	January	Call for Abstracts
	March	Deadline for abstract submission
	May	Registration Deadline (by May 31, 2018) [Conveners + LOC] Finalize Parallel Session Program Final program announced on the website Deadline for payment of pre-registration fee
	June	Registration Deadline (by June 11, 2018)
	July 4-11	ICHEP2018

[Organizing committee Meetings]

Monthly Meeting: (Kick off: May 26, 2016) From May 20, 2016 ~ February 21, 2018 (17 times)

Weekly Meeting: From March 13, 2018 ~ June 26, 2018 (8 times)

3. Conference Venue



3rd Floor

- Exhibition Hall (July 5 - 7)
- Poster Presentation (July 6 - 7)
- Opening of Plenary (July 9)
- Plenary Sessions (July 9 - 11)
- Registration Area (July 9 - 11)

2nd Floor

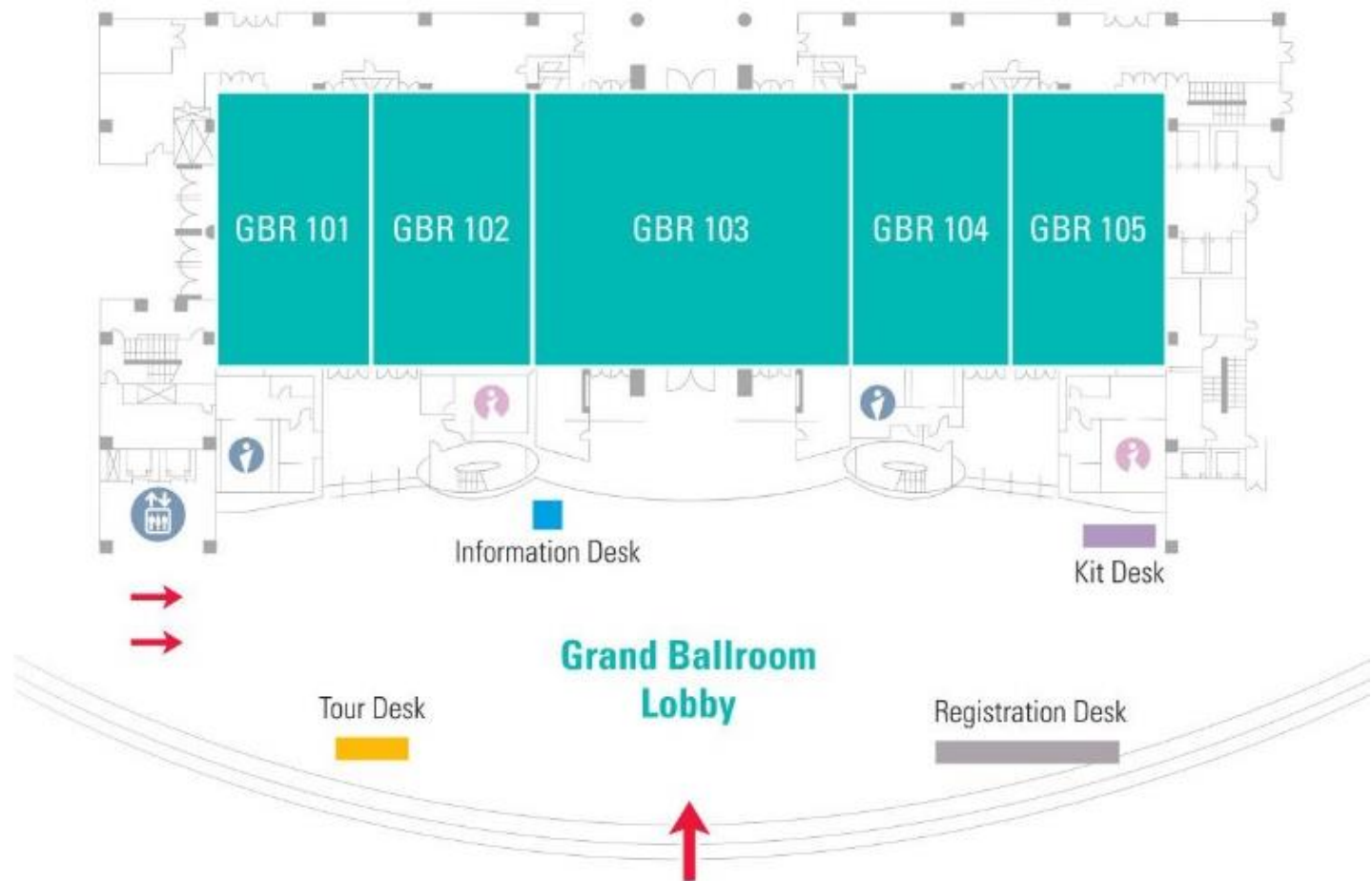
- Parallel Sessions (July 5 - 7)
- Speakers Room (July 5 - 7)
- Satellite Meetings (July 8)
- Press Center (July 4 - 11)
- Secretariat (July 4 - 11)

1st Floor

- Reception (July 4)
- Registration Area (July 4 - 7)
- Parallel Sessions (July 5 - 7)
- Information Desk (July 5 - 7)

3. Conference Venue

1st Floor



GBR 101 - 105

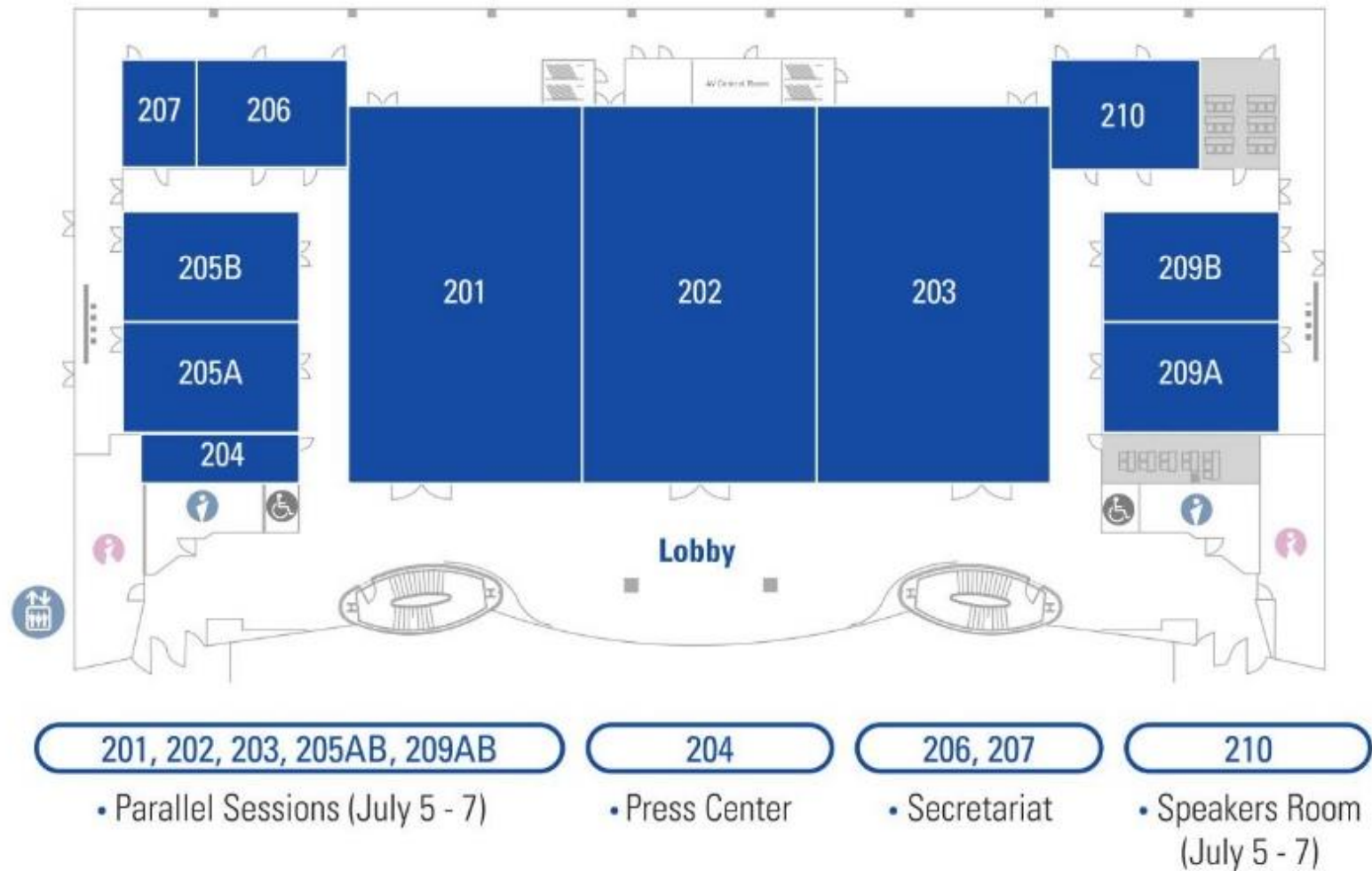
• Parallel Sessions

GBR Lobby

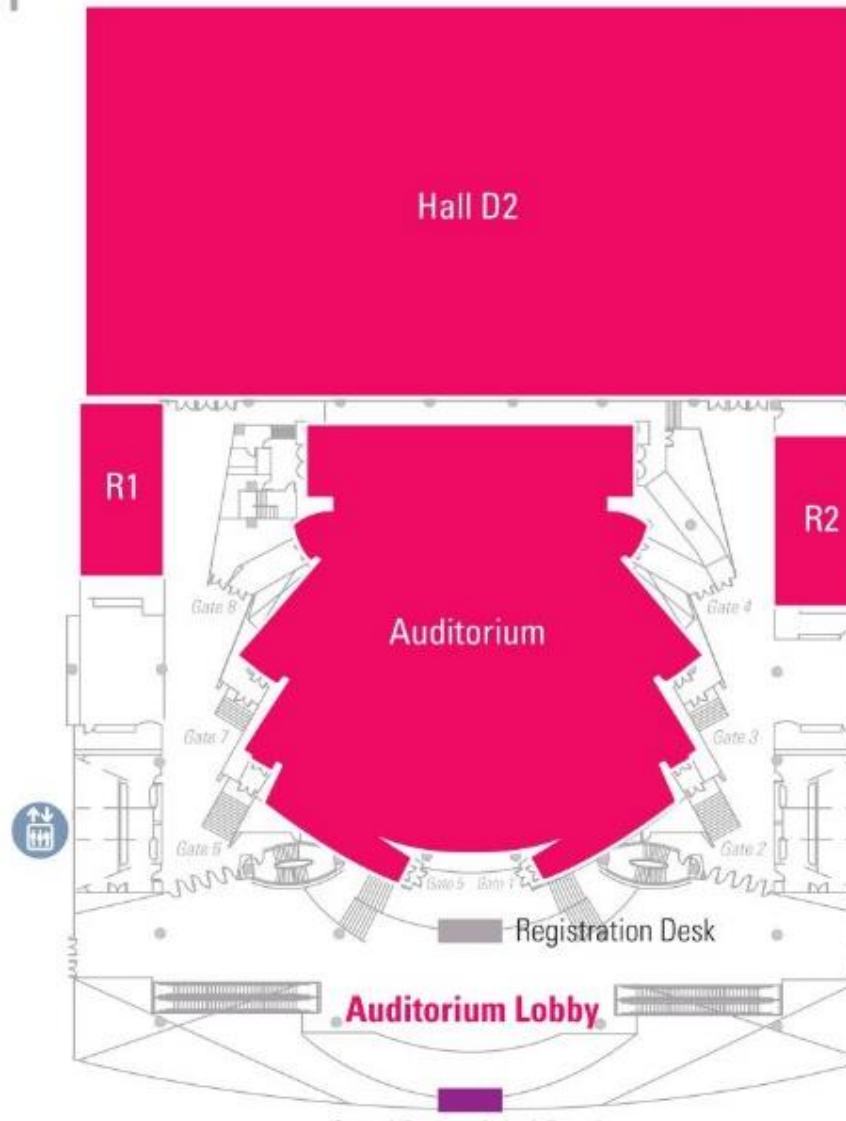
- Registration Desk
- Information Desk
- Tour Desk

3. Conference Venue

2nd Floor



3rd Floor



Auditorium

- Opening of Plenary (July 9)
- Plenary Sessions (July 9 - 11)
- Public Lecture (July 8, 10)

Auditorium Lobby

- Registration Desk (July 9 - 11)
- Seoul Promotional Booth (July 9 - 11)
- Coffee Break (July 9 - 11)

R2

- Speakers Room (July 9 - 11)

Hall D2

- Exhibition (July 5 - 7)
- Poster Exhibition (July 6 - 7)
- Rest Area (July 5 - 7)
- Event Booth (July 5 - 7)
- Coffee Break (July 5 - 7)

4-1. Registration Fees

Category	Registration until May 14, 2018	Late Registration May 15 - June 11, 2018	On-site Registration
Standard	USD 600	USD 700	USD 800
Student	USD 390	USD 455	USD 520
Accompanying person	USD 100	USD 100	USD 150
Banquet	USD 70	USD 70	USD 100

4-2. Registration Entitlements

Participant's registration fee includes	Accompanying Person's registration fee includes
<ul style="list-style-type: none"> • Access to all sessions • Access to all exhibition halls • Conference package • Reception and opening of plenary • Coffee Breaks • No meals included 	<ul style="list-style-type: none"> • Access to all exhibition halls • Reception and opening of plenary • Banquet included

4. Participants

4-3. Attendees

Category	1160 from 64 countries		
Continents	Africa	25	2.16%
	Americas: North + South	145	12.50%
	Asia + Pacific	574	49.48%
	Europe	416	35.86%
	Total	1160	100.00%
Gender	Female	269	23.19%
	Male	891	76.81%
	Total	1160	100.00%
Registration Category	Standard	868	74.83%
	Student	292	25.17%
	Total	1160	100.00%

5. Conveners and plenary speakers

5-1. Conveners

Gender	Female	16	26.67%
	Male	44	73.33%
	Total	60	100%

5-2. Plenary Speakers

Gender	Female	11	26.83%
	Male	30	73.17%
	Total	41	100.00%
Continent	Africa	1	2.44
	Asia	10	24.39
	Europe	18	43.90
	Americas: North + South	9	21.95
	Oceania	3	7.3
	Total	41	100.00

Public Lecture I

Date & Time: July 8 (Sun), 19:00-21:00
Venue : Auditorium, 3F, COEX

Public Lecture II

Date & Time: July 10 (Tue), 19:00-21:00
Venue : Auditorium, 3F, COEX


Public Lecture III

Date & Time: July 8 (Sun), 15:00, 16:00
Venue : Planetarium,
Gwacheon National Science Museum

Public Lecture I

By **Gian Francesco Giudice** (Head of Theoretical Physics, CERN)

"The strange world of elementary particles"



Date & Time July 8 (Sun), 19:00-21:00
Venue Auditorium, 3F, COEX

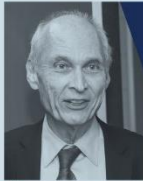
Abstract
The study of elementary particles is giving us a glimpse of the fundamental laws that govern the universe, revealing the beauty and simplicity of the inner workings of nature. After the discovery of the Higgs boson, physicists are still trying to address some of the biggest mysteries that lie deep inside the strange world of elementary particles.

Bio Sketch
Gian Francesco Giudice is a theoretical particle physicist based at CERN, in Switzerland. He worked at the Fermi National Accelerator Laboratory, near Chicago, and at the University of Texas, in the group of Prof. S. Weinberg, before moving to CERN, where he is now Head of the Theoretical Physics Department. His research focuses on the formulation of new theories beyond the Standard Model of particle interactions and on their implications for the early history of our universe. Supersymmetry and extra dimensions are fields in which he has made fundamental contributions. Besides his research work, Giudice is active in the popularization of science. He is the author of *A Zeptospace Odyssey*, a popular-science book on the physics of the Large Hadron Collider, the particle accelerator operating at CERN, where the Higgs boson was discovered. The book has been translated into six languages, including Korean. Giudice was awarded the 2013 Jacques Solvay Chair in Physics.

Public Lecture II

By **Michael S. Turner** (Professor, The University of Chicago)

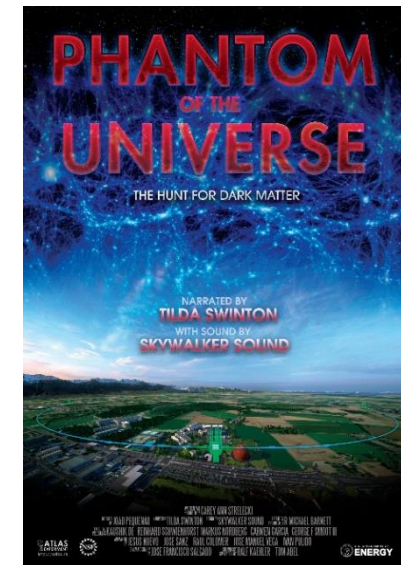
"Quarks and the Cosmos"



Date & Time July 10 (Tue), 19:30-21:00
Venue Auditorium, 3F, COEX

Abstract
The Universe is unimaginably big and the elementary particles are unimaginably small. Remarkably there are deep connections between the two that are advancing our understanding of both the very big and the very small. Events that took place when the Universe was very young and very small have shaped the Universe we see today and reveal information about the elementary particles. I will discuss how dark matter, dark energy and inflation have shaped the Universe and are shedding light on the elementary particles. I will finish by talking about the big questions about the Universe and the laws that govern it, including what happened before the big bang, how the Universe will end and the nature of space and time.

Bio Sketch
Michael S. Turner is the Rauner Distinguished Service Professor and Director of the Kavli Institute for Cosmological Physics at the University of Chicago. He is a theoretical cosmologist who helped to bring together the fields of particle physics and cosmology to create the modern discipline of cosmology. His seminal work on particle dark matter, dark energy (a term he coined), and inflation make him one of the architects of the current cosmological paradigm. His honors include membership in the National Academy of Sciences, the American Philosophical Society and the American Academy of Arts & Sciences.



Reception

Date & Time: July 4 (Wed), 18:00-19:30

Venue : Grand Ballroom Lobby, 1F, Coex



Banquet

- Date & Time: July 9 (Mon), 19:00-21:00
- Venue Vista Hall, B2F, Vista Walkerhill Seoul
- Performance: Traditional Korean performance

- ✓ Round-trip shuttle buses are prepared
- ✓ Shuttle buses will depart from 18:40 at COEX North gate.

Vista Walkerhill Seoul



8. Travel Grant

Support Type	Registration only	43	40.95%
	Registration + Accommodation	50	47.62%
	Airfare + Others	12	11.43%
	Total	105	100.00%
Status	Students	61	58.10%
	Postdocs	14	13.33%
	Senior scientist	30	28.57%
	Total	105	100.00%
Gender	Male	77	73.33%
	Female	28	26.67%
	Total	105	100.00%
Continent	Africa	4	4%
	Asia	36	34%
	Europe	34	32%
	Middle East	9	9%
	North America	13	12%
	South America	9	9%
	Total	105	100.00%

9. Promotional Activities

9-1. Online Promotion

Registering ICHEP2018 information on conference search database

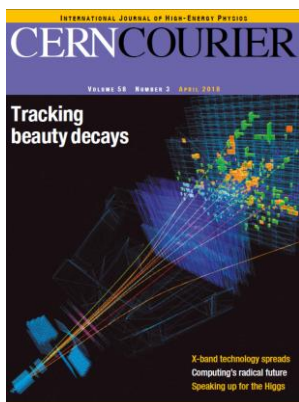


Pressic hep Twitter



9-2. Offline Promotion

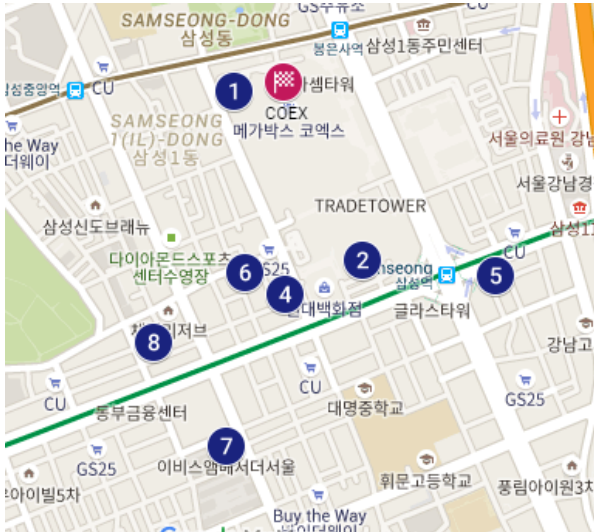
Ad on CERN Courier



ICHEP2018 Poster Distribution



10. Accommodation



Class	Hotel	Room Type	Rate	Distance to Venue
★★★★★ (Venue Hotel)	InterContinental Seoul COEX	Superior Room	229,900	0km
		Elite Room	266,200	
		Club Superior	326,700	
★★★★★	Grand InterContinental Seoul	Deluxe Room	278,300	0.7km
		Junior Suite Room	326,700	
		Club Deluxe Room	375,100	
★★★★★	Imperial Palace Seoul	Superior Room	146,000	2.5km
	Hotel Peyto Samseong	Deluxe	135,000	0.7km
	Glad Gangnam COEX Center	Standard	124,000	1.0km
	Hotel URI&	Standard	135,000	0.7km
★★★	IBIS Styles Ambassador Seoul Gangnam	Standard	113,000	1.3km
		Superior	124,000	
	Hotel The Designers (Samseong)	Standard	115,000	1.0km
Serviced Residence	Gangnam Family Hotel	Standard	113,000	2.6km

11. Sponsors



12. Budget

INCOME		EXPENSE	
Category	Amount	Category	Amount
1. Registration fee	\$ 481,261	1. Venue	\$ 190,991
2. Seed money	\$ 225,225	2. AV Equipment	\$ 114,234
3. Financial support from industries and institutions	\$ 330,090	3. Travel Grants and Awards	\$ 74,234
		4. Printing & Signage	\$ 115,856
		5. Food & Beverage	\$ 179,099
		6. Advertisement	\$ 40,090
		7. On-site Management fee	\$ 62,252
		8. PCO	\$ 151,802
		9. Others	\$ 108,018
Total Income	\$ 1,036,577	Total Expenses	\$ 1,036,577

Registration Desk







