



The 28th International Symposium on
Automation and Robotics in Construction

ISARC 2011

June 29 - July 2, 2011 Imperial Palace Hotel, Seoul, Korea



Statistics of ISARC 2011 and Picture Gallery (ISARC 2011, Seoul, and Surrounding Areas)

Hosted by



Sponsored by



ISARC 2011 Outline

Title	ISARC2011 (The 28 th International Symposium on Automation and Robotics in Construction)
Period	June 29(Wed) ~ July 2(Sun), 2011
Venue	Imperial Palace Hotel, Seoul, Korea
Hosted by	Korea Institute of Construction Engineering and Management (KICEM) International Association for Automation and Robotics in Construction (IAARC)
Sponsored by	Korea Institute of Construction Technology (KICT) International Council for Research and Innovation in Building and Construction (CIB)
Program	Keynote Lecture 3, Oral Presentation , Poster Presentation, Opening, Closing, Welcome Reception, Banquet, Technical Tour

Program at a glance

Date	June 29 (Wed)			June 30 (Thu)						July 1 (Fri)						July 2 (Sat)		
Time	Room 1	Merak	6F	Dubhe I	Room 1	Room 2	Room 3	Room 4	Room 5	Dubhe II	Dubhe I	Room 1	Room 2	Room 3	Room 4	Room 5	Dubhe III	Songdo
09:00				Opening							Keynote 2 Tatsuo Arai						Technical Tour	
10:00				Keynote 1 Ger Maas & Frans van Gassel							Keynote 3 Chang-soo Han							
11:00				Coffee Break							Coffee Break							
12:00				S1 Energy Efficiency (I)	S2 Automation and Robotics in Building Construction (I)	S3 Computing in Construction and Management (I)	S4 Building Information Modeling (I)	S5 Sensing Technology for Construction and Maintenance (I)	S6 Decision Support Systems / Project Information Management (I)		S19 Augmented and Virtual Reality	S20 Automation and Robotics in Building Construction (IV)	S21 Computing in Construction and Management (IV)	S22 Building Information Modeling (IV)	S23 Automation and Robotics in Civil / Space / Field Engineering (I)	S24 Automation in Maintenance and Inspection (I)		
13:00				Lunch							Lunch							
14:00				Poster Presentation							Poster Presentation							
15:00				S7 Energy Efficiency (II)	S8 Automation and Robotics in Building Construction (II)	S9 Computing in Construction and Management (II)	S10 Building Information Modeling (II)	S11 Sensing Technology for Construction and Maintenance (II)	S12 Decision Support Systems / Project Information Management (II)		S25 Architecture and Planning	IAARC CIB W119 Meeting (13:30 - 15:30)	S26 Computing in Construction and Management (V)	S27 Management Issues in Construction (I)	S28 Automation and Robotics in Civil / Space / Field Engineering (I)	S29 Automation in Maintenance and Inspection (II)		
16:00				Coffee Break							Coffee Break							
17:00				S13 Intelligent Program management in Building Information System (iPhMS) for Mega-Projects (III)	S14 Automation and Robotics in Building Construction (III)	S15 Computing in Construction and Management (III)	S16 Building Information Modeling (III)	S17 Sensing Technology for Construction and Maintenance (III)	S18 Decision Support Systems / Project Information Management (III)			S30 Collaborative Design and Construction	S31 Computer- aided Design / Education / Training	S32 Management Issues in Construction (II)	S33 Automation and Robotics in Civil / Space / Field Engineering (II)	S34 Automation in Maintenance and Inspection (III)		
18:00	BOD Meeting		Registration		BOD Meeting													
19:00		Welcome Reception																
20:00												Closing & Banquet						

Program	Session Time	No. of Sessions	# of Presentations	Remarks
Keynote Lecture	60 min/40 min	3	3	
Oral Presentation	105 min	34	223	
Poster Presentation	35 min	2	72	
Total		39	298	



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Conference



Presentations





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General
Board of



Meeting of the
Directors





Traditional Korean Food
during one of the Evenings
of the ISARC Symposium





Final Ceremony





Toast from Prof. Koshy Varghese
during the Banquet

Best Paper Award Recognition





IAARC Board of Directors

Professors with Roots to
the University of Texas
at Austin



Scientific Program

No.	Country	Keynote	Oral	Poster	Total
1	Australia	-	13	-	13
2	Bangladesh	-	3	-	3
3	Brazil	-	1	-	1
4	Canada	-	9	-	9
5	China	-	1	-	1
6	Czech Republic	-	1	1	2
7	Egypt	-	3	-	3
8	Finland	-	1	-	1
9	Germany	-	6	-	6
10	Hong Kong	-	3	-	3
11	India	-	3	-	3
12	Iran	-	1	-	1
13	Israel	-	1	-	1
14	Italy	-	2	-	2
15	Japan	1	20	3	24
16	Korea	1	57	59	117
17	New Zealand	-	1	-	1
18	Poland	-	3	-	3
19	Slovakia	-	1	-	1
20	Spain	-	1	-	1
21	Sweden	-	6	1	7
22	Switzerland	-	1	-	1
23	Taiwan	-	42	5	47
24	Thailand	-	3	-	3
25	The Netherlands	1	1	-	2
26	United Kingdom	-	3	-	3
27	USA	-	36	3	39
Total		3	223	72	298

Scientific Program

No.	Topic	Keynote	Oral	Poster	Total
1	Architecture and Planning	-	6	3	9
2	Augmented and Virtual Reality	-	5	2	7
3	Automation and Robotics in Building Construction	-	25	16	41
4	Automation and Robotics in Civil/Space/Field Engineering	-	20	12	32
5	Automation in Maintenance and Inspection	-	20	4	24
6	Building Information Modeling	-	28	3	31
7	Collaborative Design and Construction	-	7	-	7
8	Computer-aided Design/Education/Training	-	7	4	11
9	Computing in Construction and Management	-	35	8	43
10	Decision Support Systems/Project Information Management	-	20	6	26
11	Energy Efficiency	-	12	2	14
12	Intelligent Program management Information System (i-PgMIS) for Mega-Projects	-	6	-	6
13	Management Issues in Construction	-	14	8	22
14	Sensing Technology for Construction and Maintenance	-	18	4	22
15	Keynote Lecture	3	-	-	3
Total		3	223	72	298

Registration

No.	Country	Participant/Student	Spouse/ Exhibition	Total
1	Australia	7	1	8
2	Bangladesh	1		1
3	Canada	10	1	11
4	China	3		3
5	Czech Republic	4	1	5
6	Egypt	1		1
7	France	0	2	2
8	Finland	1	1	2
9	Germany	3		3
10	Hong Kong	3	1	4
11	India	4	1	5
12	Iran	1		1
13	Israel	3	1	4
14	Italy	1		1
15	Japan	30	1	31
16	Korea	185	42	227
17	Netherlands	3	1	4
18	Poland	3		3
19	Slovakia	1		1
20	Spain	4	2	6
21	Sweden	3		3
22	Taiwan	54	3	57
23	Thailand	2		2
24	U.S.A.	28		28
25	UAE	1		1
26	United Kingdom	5	1	6
Total		361	59	420



Historical Palaces

Changyeonggung Palaces



Gyeongbokgung, Deoksugung, Changdeokgung, and
Presidential Palace (Blue House, center image)



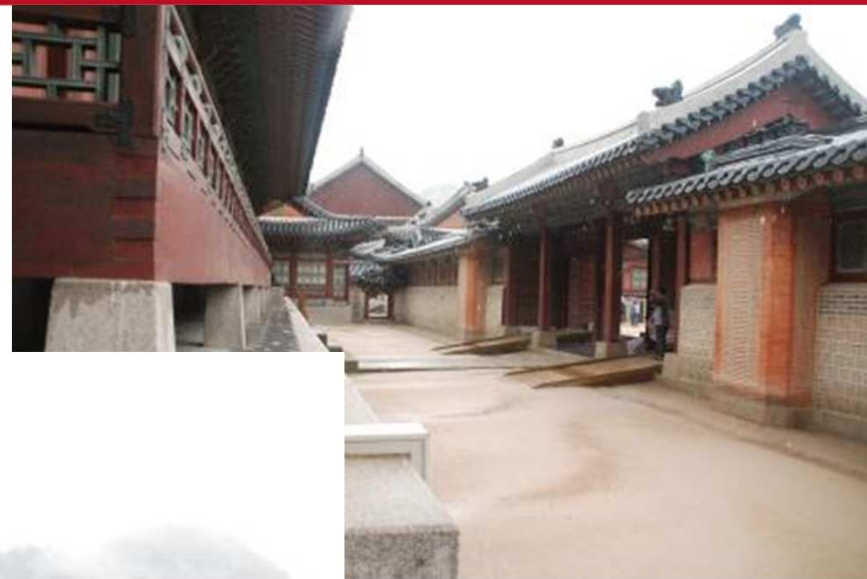


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Gatekeeper



Ceremony



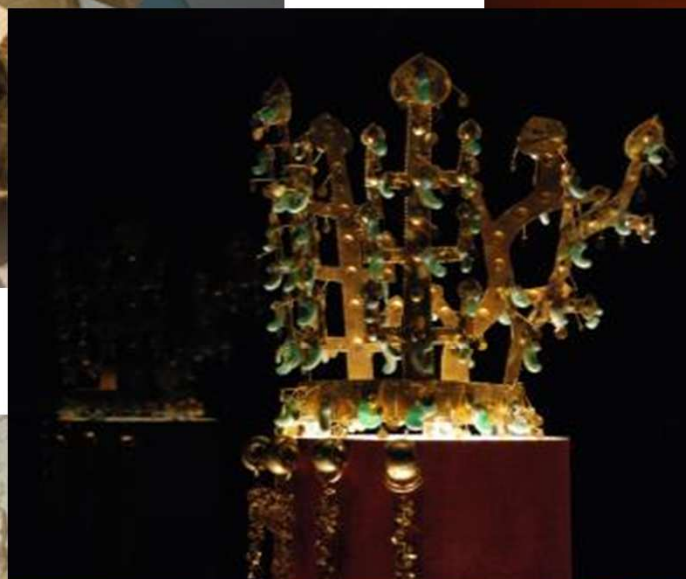


Tea ceremony and
National Museum of Korea

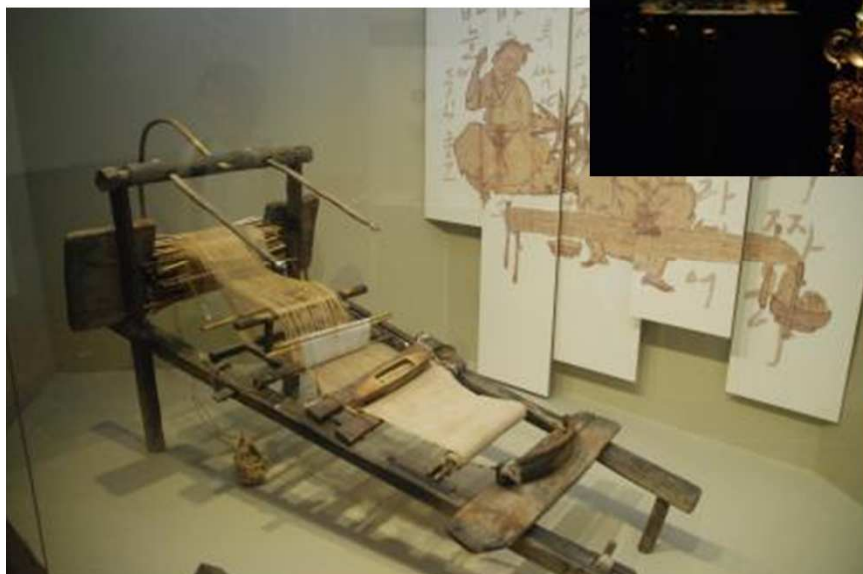




National



Treasures





Historical

Maps and Drawings





Stamps, Writings,

and Bells





Old city map and creating a sustainable
city with a modern subway system



Construction in the

city of Seoul





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Korean War Museum





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Drop of Tears



Demilitarized Zone (DMZ)

