

**2007 WNU–Summer Institute
Schedule**
09 July 2007



Fri. 13 July	All day	Mentors and organizers arrival/registration	
Sat. 14 July	All day	Fellows Arrival/registration	
	09:00 – 17:00	Mentors meeting	
Sun. 15 July	09:00 – 09:30	Welcome – Organizers, Mentors and Hotel staff presentation	Byung Joo MIN (KAERI / WNU)
	09:30 – 09:50	SI concept – Historical aspects and actual framework	Philippe HAUW (WNU)
	09:50 – 10:30	2007-SI Programme overview & Pedagogical organization,	Youngmi NAM (WNU) – SK AHN (KAERI)
	11:00 – 12:30	Short (2 min.) Fellows self-introduction - part 1	Animation: Alan WALTAR
	14:00 – 15:30	Short (2 min.) Fellows self-introduction - part 2	Animation: Alan WALTAR
	16:00 – 18:00	About Korea 1 – Korean Language	Yong-Won JANG (Univ. Seoul)
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WEEK 1			
Mon 16 July	08:00 – 09:20	Summer Institute – General overview and objectives	John RITCH (WNU)
	09:40 – 12:40	Global environmental crisis: Climate change	David BARBER (AAAS)
	14:00 – 17:30	Team building – Can bridge exercise	Animation: Alan Waltar
	18:00 – 20:00	Welcome Reception - Opening Ceremony	Hotel
Tue 17 July	08:00 – 10:00	Nuclear industry economics	Steve KIDD (WNA)
	10:20 – 12:20	Nuclear fuel market	Steve KIDD (WNA)
	14:00 – 17:30	Group-working – Extended self presentations	WG [A – L]
	17:45 – 19:00	Mentors meeting	Mentors
Wed. 18 July	08:00 – 09:20	World energy demand and supply	Kee-Yung NAM (IAEA)
	09:40 – 12:40	Survey of nuclear politics	Bertrand BARRE (AREVA)
	14:00 – 17:30	Group-working – Extended self presentations	WG [A – L]
Thur 19 July	08:00 – 11:00	Nuclear technology in sustainable development	Alan WALTAR (PNNL)
	11:20 – 12:40	Distinguished Speaker presentation	Luis ECHAVARRI (OECD/NEA)
	14:00 – 15:30	Group-working – Extended self presentations	WG [A – L]
	16:00 – 17:30	Group-working – Lecture reviews – Issues/Case studies	WG [A – L]
	17:45 – 19:00	Mentors Meeting	Mentors
Fri 20 July	08:00 – 12:40	Group-working – Lecture reviews – Issues/Case studies	WG [A – L]
	14:00 – 15:20	Distinguished Speaker presentation	Myung-Chul LEE (World Federation of Nuclear Medicine & Biology)
	15:40 – 17:10	About Korea 2 – Korean Culture	Seong-Kon KIM (Univ. Seoul)
	17:30 – 18:20	KHNP operating experience	Myung-Jae SONG (KHNP)
Sat 21 July		Social event 1	
Sun 22 July		Free	
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WEEK 2			
Mon 23 July	08:00 – 10:30	Radiation effects & Radiological protection	Abel GONZALEZ (ex-IAEA)
	10:30 – 11:00	Radio-protection: Industrial Issues	Sylvain St PIERRE (WNA)
	11:20 – 12:40	Radiation applications	Ilham AL QARADAWI (Qatar Univ.)
	14:00 – 17:30	Group-working – Lecture reviews – Issues/Case studies	WG [A – L]
	17:45 – 19:00	Mentors meeting	Mentors
Tue 24 July	08:00 – 11:00	Next generation nuclear reactors	Jacques BOUCHARD (CEA)
	11:20 – 12:40	Distinguished Speaker presentation	Karen CYR (NRC)
	12:00 – 17:30	Group-working – Lecture reviews – Issues/Case studies	WG [A – L]
Wed 25 July	08:00 – 11:00	Advanced nuclear fuel cycle	Massimo SALVATORES (CEA)
	11:20 – 12:40	Distinguished Speaker presentation	Tom ISAACS (LLNL)
Thur 26 July	08:00 – 09 :20	Waste management: Back-end options	Patrice BERNARD (AREVA)
	09:40 – 11:00	Waste management: Public acceptance	Patrice BERNARD (AREVA)
	11:20 – 12:40	Waste management: Deep geological disposal	Hiroyuki UMEKI (JAEA)
	14:00 – 17:30	Group-working – Lecture reviews – Issues/Case studies	WG [A – L]
	17:45 – 19:00	Mentors meeting	Mentors
Fri 27 July	08:00 – 09:20	Decommissioning	Tadamichi SATOH (JAPC)
	09:40 – 11:00	Decommissioning	Bernard KELLY (U. Manchester)
	11:20 – 12:40	Nuclear transport	Michel HARTENSTEIN (WNTI)
	13:40 – 15:00	Distinguished Speaker presentation	Philippe PRADEL (CEA)
	15:15 – 16:15	Group-working – Lecture reviews – Issues/Case studies	WG [A – L]
	16:30 – 18:00	About Korea 3 – Korean History	Hyun-Sook KIM (Univ. Chungnam)
Sat 28 July		Social event 2	
Sun 29 July		Free	
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WEEK 3			
Mon 30 July	08:00 – 09:20	Nuclear safety overview and IAEA safety standards	Ken BROCKMAN (ex-IAEA)
	09:40 – 12:40	Operational and accident analysis conditions	Ken BROCKMAN & Dave IGYARTO (INPO)
	14:00 – 15:20	Distinguished Speaker presentation	Dave IGYARTO (INPO)
	15:30 – 17:30	Group-working – Lecture reviews – Issues / Case studies	WG [M – W]
	17:45 – 19:00	Mentors meeting	Mentors
Tue 31 July	08:00 – 09:20	WANO operating experience	Luc MAMPAEY (WANO)
	09:40 – 11:00	Nuclear law: General legal framework	Laura ROCKWOOD (IAEA) & Carl STOIBER (OECD/NEA)
	11:20 – 12:40	Nuclear law: Safety / Security	Wolfram TONHAUSER (IAEA)
	14:00 – 17:30	Group-working - Case studies	WG [M – W]

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Wed 01 Aug.	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40 14:00 – 15:20 15:30 – 17:30	Nuclear law: Liability / Environment Nuclear law: Case studies reports / Round table Non proliferation and safeguards – Legal framework Distinguished Speaker presentation Group-working – Forum issues preparation	Julia SCHWARTZ (OECD/NEA) ROCKWOOD – SCHWARTZ – STOIBER – TONHAUSER Laura ROCKWOOD (IAEA) Laurent STRICKER (EDF) WG [1 - 11]
Thur 02 Aug.	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40 14:00 – 17:30	Non proliferation and safeguards - Implementation Non proliferation and safeguards - Security Distinguished Speaker presentation – Export controls Group-working - Case studies	Demetrius PERRICOS (IAEA/UNMOVIC) Miroslav GREGORIC (IAEA) Amb. Philippe THIEBAUD (France) WG [M – W]
Fri 03 Aug.	08:00 – 11:00 11:20 – 12:40 14:00 – 15:20 15:40 – 17:00 17:15 – 18:30	Non proliferation and safeguards - Case studies Non proliferation and safeguards - Round table Distinguished Speaker presentation Distinguished Speaker presentation Mentors meeting	Fellows presentations ROCKWOOD / PERRICOS / GREGORIC / THIEBAUD / TONHAUSER Gideon FRANK (Israel AEC) ()
Sat 04 Aug		Free	
Sun 05 Aug		Sight seeing - Gyeongju	
WEEK 4			
Mon 06 Aug		Technical tour	
Tue 07 Aug		Technical tour	
Wed 08 Aug		Technical tour	
Thur 09 Aug		Technical tour	
Fri 10 Aug		Technical tour	
Sat 11 Aug		Free	
Sun 12 Aug		Free	
WEEK 5			
Mon 13 Aug.	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40 14:00 – 17:30 17:45 – 19:00	South Korean experience of nuclear program Nuclear program in China International support for setting up a nuclear program Group-working – Lecture reviews – Issues/Case studies Mentors meeting	Chang-Kun LEE (Korea) Manchang FU (China) Poong-Eil JUHN (KAERI) WG [M – W] Mentors meeting
Tue 14 Aug.	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40 14:00 – 17:30	Knowledge management Distinguished Speaker presentation Distinguished Speaker presentation Group-working – Forum Issues preparation	Robert WORKMAN (IAEA) Chung Won CHO (MOST) Theodore ROCKWELL (USA) WG [1 - 11]
Wed 15 Aug.	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40 14:00 – 17:30	New technologies: Hydrogen New technologies: Space applications Distinguished Speaker presentation Group-working – Lecture reviews – Issues/Case studies	Ryutaro HINO (JAEA) Vladimir PAVSHUK (RRC-KI) Dave MODEEN (EPRI) WG [M – W]
Thur 16 Aug.	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40 14:00 – 17:30 17:45 – 19:00	New technologies: Non-nucl. tech. and renewable energy New technologies: Fusion reactors Distinguished Speaker presentation Group-working – Lecture reviews – Issues/Case studies Mentors meeting	Toshiya NANAHARA (CRIEPI) Gyung-Su LEE (NFRC) Gerald GRANDEY (Cameco) WG [M – W] Mentors
Fri 17 Aug.		Forum Issues preparation	WG [1 - 11]
Sat 18 Aug.		Social event 3	
Sun 19 Aug.		Free	
WEEK 6			
Mon 20 Aug.	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40 14:00 – 17:30	Public communication Public communication Distinguished Speaker presentation Group-working – Case studies	Ann BISCONTI (Bisconti Research, Inc) & Scott PETERSON (NEI) Ann BISCONTI (Bisconti Research, Inc) & Scott PETERSON (NEI) Kun-mo CHUNG (Univ. Myongji) WG [1 - 11]
Tue 21 Aug.	08:00 – 12:40 14:00 – 17:30	Public communication – Case studies reports Public communication – Case studies reports	WG [1 - 11] - Ann BISCONTI & Scott PETERSON WG [1 - 11] - Ann BISCONTI & Scott PETERSON
Wed 22 Aug.	All day 11:00 -	Forum issues preparation Mentors meeting	WG [1 - 11] Mentors
Thu 23 Aug.	All day	Issue Forum	WG [1 - 11] – (& Hans BLIX, partially)
Fri 24 Aug.	08:00 – 09:00 09:00 – 10:00 10:15 – 11:30 11:40 – 12:40 Evening	Distinguished Speaker presentation Distinguished Speaker presentation Round table SI Assessment Farewell dinner & Certificates	John RITCH (WNU) Hans BLIX (WNU) John RITCH – Hans BLIX Fellows & Mentors Hans BLIX (WNU)
Sat 25 Aug.		Hotel check-out	