

**2007 WNU–Summer Institute
Lecture Overview**
09 July 2007



Fri. 13 July	All day	Mentors and organizers arrival/registration	
Sat. 14 July	All day 09:00 – 17:00	Fellows Arrival/registration Mentors meeting	
Sun. 15 July	09:00 – 15:30 16:00 – 18:00	Summer Institute opening session About Korea 1 – Korean Language	Organizers + Mentors + all Fellows Yong-Won JANG (Univ. Seoul)

WEEK 1

Mon 16 July	08:00 – 09:20 09:40 – 12:40	Summer Institute – General overview and objectives Global environmental crisis: Climate change	John RITCH (WNU) David BARBER (AAAS)
Tue 17 July	08:00 – 10:00 10:20 – 12:20	Nuclear industry economics Nuclear fuel market	Steve KIDD (WNA) Steve KIDD (WNA)
Wed. 18 July	08:00 – 09:20 09:40 – 12:40	World energy demand and supply Survey of nuclear politics	Kee-Yung NAM (IAEA) Bertrand BARRE (AREVA)
Thur 19 July	08:00 – 11:00 11:20 – 12:40	Nuclear technology in sustainable development Distinguished Speaker presentation	Alan WALTAR (PNNL) Luis ECHAVARRI (OECD/NEA)
Fri 20 July	14:00 – 15:20 15:40 – 17:10 17:30 – 18:20	Distinguished Speaker presentation About Korea 2 – Korean Culture KHNP operating experience	Myung-Chul LEE (World Federation of Nuclear Medicine & Biology) Seong-Kon KIM (Univ. Seoul) Myung Jae SONG (KHNP)

WEEK 2

Mon 23 July	08:00 – 10:30 10:30 – 11:00 11:20 – 12:40	Radiation effects & Radiological protection Radio-protection: Industrial Issues Radiation applications	Abel GONZALEZ (ex-IAEA) Sylvain St PIERRE (WNA) Ilham AL QARADAWI (Qatar Univ.)
Tue 24 July	08:00 – 11:00 11:20 – 12:40	Next generation nuclear reactors Distinguished Speaker presentation	Jacques BOUCHARD (CEA) Karen CYR (NRC)
Wed 25 July	08:00 – 11:00 11:20 – 12:40	Advanced nuclear fuel cycle Distinguished Speaker presentation	Massimo SALVATORES (CEA) Tom ISAACS (LLNL)
Thur 26 July	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40	Waste management: Back-end options Waste management: Public acceptance Waste management: Deep geological disposal	Patrice BERNARD (AREVA) Patrice BERNARD (AREVA) Hiroyuki UMEKI (JAEA)
Fri 27 July	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40 13:40 – 15:00 16:30 – 18:00	Decommissioning Decommissioning Nuclear transport Distinguished Speaker presentation About Korea 3 – Korean History	Tadamichi SATOH (JAPC) Bernard KELLY (U. Manchester) Michel HARTENSTEIN (WNTI) Philippe PRADEL (CEA) Hyun-Sook KIM (Univ. Chungnam)

WEEK 3

Mon 30 July	08:00 – 09:20 09:40 – 12:40 14:00 – 15:20	Nuclear safety overview and IAEA safety standards Operational and Accident Analysis conditions Distinguished Speaker presentation	Ken BROCKMAN (ex-IAEA) Ken BROCKMAN & Dave IGYARTO (INPO) Dave IGYARTO (INPO)
Tue 31 July	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40	WANO operating experience Nuclear law: General legal framework Nuclear law: Safety / Security	Luc MAMPAEY (WANO) Laura ROCKWOOD (IAEA) & Carl STOIBER (OECD/NEA) Wolfram TONHAUSER (IAEA)
Wed 01 Aug.	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40 14:00 – 15:20	Nuclear law: Liability / Environment Nuclear law: Case studies reports / Round table Non proliferation and safeguards – Legal framework Distinguished Speaker presentation	Julia SCHWARTZ (OECD/NEA) ROCKWOOD – SCHWARTZ – STOIBER – TONHAUSER Laura ROCKWOOD (IAEA) Laurent STRICKER (EDF)
Thur 02 Aug.	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40	Non proliferation and safeguards - Implementation Non proliferation and safeguards - Security Distinguished Speaker presentation – Export controls	Demetrius PERRICOS (IAEA/UNMOVIC) Miroslav GREGORIC (IAEA) Amb. Philippe THIEBAUD (France)
Fri 03 Aug.	08:00 – 11:00 11:20 – 12:40 14:00 – 15:20 15:40 – 17:00	Non proliferation and safeguards - Case studies Non proliferation and safeguards - Round table Distinguished Speaker presentation Distinguished Speaker presentation	Fellows presentations ROCKWOOD - PERRICOS - GREGORIC - THIEBAUD - TONHAUSER Gideon FRANK (Israel AEC) ()

WEEK 5

Mon 13 Aug.	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40	South Korean experience of nuclear program Nuclear program in China International support for setting up a nuclear program	Chang-Kun LEE (Korea) Manchang FU (China) Poong-Eil JUHN (KAERI)
Tue 14 Aug.	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40	Knowledge management Distinguished Speaker presentation Distinguished Speaker presentation	Robert WORKMAN (IAEA) Chung Won CHO (MOST) Theodore ROCKWELL (USA)
Wed 15 Aug.	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40	New technologies: Hydrogen New technologies: Space applications Distinguished Speaker presentation	Ryutaro HINO (JAEA) Vladimir PAVSHUK (RRC-KI) Dave MODEEN (EPRI)
Thur 16 Aug.	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40	New technologies: Non-nucl. tech. and renewable energy New technologies: Fusion reactors Distinguished Speaker presentation	Toshiya NANAHARA (CRIEPI) Gyung-Su LEE (NFRC) Gerald GRANDEY (Cameco)
Fri 11 Aug.		Forum Issues preparation	Fellows

WEEK 6

Mon 20 Aug.	08:00 – 09:20 09:40 – 11:00 11:20 – 12:40	Public communication Public communication Distinguished Speaker presentation	Ann BISCONTI (Bisconti Research, Inc) & Scott PETERSON (NEI) Ann BISCONTI (Bisconti Research, Inc) & Scott PETERSON (NEI) Kun-mo CHUNG (Univ. Myongji)
Tue 21 Aug.	08:00 – 12:40 14:00 – 17:30	Public communication – Case studies reports Public communication – Case studies reports	Fellows - Ann BISCONTI & Scott PETERSON Fellows - Ann BISCONTI & Scott PETERSON
Wed 22 Aug.	All day	Forum issues preparation	Fellows
Thu 23 Aug.	All day	Issue Forum	Fellows (& 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)