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T. Muroga, NIFS*

3rd Korea-Japan Joint Summer School (JSS-3)

**for Students and Young
Researchers: Materials Science
and Technology, Fusion
Engineering and Nuclear Fuel**

**August 27 - 30, 2007
Seoul National University**

Second Circular



臺章閣學士之署

**Venue:
Auditorium, University Museum
& Auditorium, Kyujanggak
in Seoul National University,
Seoul, Korea**

<http://Kyujanggak.snu.ac.kr>
<http://snum.org>

Organizing Committee

*S. Ohnuki, Chair, Hokkaido
I. S. Hwang, Chair, SNU
T. Hino, Fusion, Hokkaido
S. Komazaki, Materials, Muroran
S. Sato, Fuel, Hokkaido
N. Hashimoto, Secretary, Hokkaido
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T. Shibayama, Publication, Hokkaido
S. Ukai, Hokkaido
K. Yamauchi, Hokkaido
Y. Yamamoto, Kyoto*

*Under the auspices of
Atomic Energy Society of Japan
(AESJ), Korea Nuclear Society (KNS)*

*Organized by Divisions of
Materials Science and Technology,
Fusion Engineering, Nuclear Fuels
in AESJ and KNS*

*Co-organized by
JSPS-KOSEF Core University Program
(Kyoto U. – SNU), and KAERI, NFSC, NIFS*



Scope and Topics

The research divisions of Nuclear Materials, Nuclear Fuel and Fusion Engineering under Atomic Energy Society of Japan (AESJ) and Korean Nuclear Society (KNS) have held joint summer schools for summarizing recent topics and educating young scientists and students. In 2003, the first Korea-Japan joint summer school was held at SNU, Korea, cooperated with Core University Program (CUP) and Corroboration Program under NIFS Japan and NFS Korea. The 2nd joint summer school was held at Busan in 2005, where many attendees joined it; 50 students and 50 lectures from Japan, and 50 students and 30 lectures from Korea. They were impressive schools for young scientists for both countries, and proposed next joint summer school to be held in Japan. Recently, the committee discussed and concluded that SNU is the best place for the third joint summer school, because of excellent location.

In this school, we aim to highlight on the recent issues of safety in advanced fission and fusion reactor systems, pressure vessel technology, long-life fuels and waste management technology.

Lectures will be designated from authorities and the textbook will be published for the general as well as for this school. Also, students will present their researches in the poster session. All of attendees can discuss on the hot topics in the field of advanced energy systems in the enjoyable city Seoul.

Venue

The joint summer school will be held in at auditoriums of Kyujanggak and University Museum in Seoul National University, Seoul, Korea. Kyujanggak is famous place where archives emperor's literatures including several national treasures. SNU Museum is also famous place where correcting historical items for Korea. Both facilities have exhibition rooms and nice auditoriums.

School Schedule

August 26, Sun. pre day: Night: Registration

1st day August 27, Mon.

Morning: Opening Ceremony, related symposium

Afternoon: Opening, over view of Nuclear Materials, Nuclear Fuels and Fusion Engineering

J-K Soccer Game, Night Session for Students,

Executive Banquet

2nd day August 28, Tue.

Parallel Sessions on Materials, Fuel and Fusion

Poster session

General Banquet

3rd day August 29, Wed.

Parallel Sessions, Closing

August 30, Thu.,

Optional tour to Daejeon

August 28-31, 2007, satellite Summer School on Energy Science and Engineering: Materials Aging will be held at the same site under the organizer, Prof. I.S. Hwang, SNU, and Prof. T. Shoji, Tohoku U.

Abstract and textbook

The summer school will be composed of lectures and contributed posters. The review article for the text book should be 10 pages in the maximum. The contributed abstract should be one page of A4 size. The details will be informed later. The dead lines are;

Contributed abstract: by July 15, 2007

Manuscript of the textbook: by July 15, 2007

Send to publication committee:

Prof. T. Shibayama, shiba@ufml.caret.hokudai.ac.jp

Important Date

- April 10: First announcement:
- June 15: Decision of keynotes and lectures
- June 20: Second announcement :
- July 20: **Dead line of manuscript for text book:**
- July 20: **Dead line of application and abstract:**
- July 20: **Dead line of application and abstract:**
- July 30: Acceptance notification
- August 20: Completing of Printing
- August 27 – 30: Joint Summer School at SNU

Registration and Accommodation

Registration fee:

Japanese Students & Young scientists:
\$180 (JPY22,500) including lodging
for 4 nights and meals

Korean Students & Young scientists:

\$100 (JPY12,500) including meals

Japanese and Korean seniors: \$150 (JPY18,000)

Japanese and Korean lectures: \$100 (JPY12,500)

Accommodations:

Students: lodgings are prepared near SNU

Lecturers Foam Faculty House in SNU

Seniors: City hotels

(Details to be informed later)

Application Form

Name: (first) _____ (last) _____

Affiliation: _____

Position: Prof. Dr. Young Scientist

Student () _____

Mailing Address: _____

Phone: _____

E-mail: _____

Are you? <choose one>

(designated lecture, young scientist, student, general member (AESJ, KNS), organizing committee)

You have presentation (designated lecture, poster)

If yes, the title is: _____

Accommodations:

	For student	Faculty house	City hotel
August 26			
August 27			
August 28			
August 29			
others			

Send above information to secretary committee by July 20

Prof. N. Hashimoto, hashimoto@eng.hokudai.ac.jp

CUP Symposium + JSS 2007 Seoul

	8/26 (Sun)	8/27 (Mon)	8/28 (Tue)	8/29 (Wed)	8/30 (Thu)	
7:30		Breakfast	Breakfast	Breakfast	Breakfast	
8:00						
8:30		Registration of CUP & JSS	Plenary (5) Materials	Fusion	Fuel	
9:00		Opening CUP Summary Symposium	Plenary (6) Fusion	Fusion	Fuel	
9:30		KOSEF		Fusion	Fuel	
10:00		JSPS	Plenary (7) Fuel			
10:30		Other countries	Coffee Break	Coffee Break		
11:00		Task Summary (1)	Fusion	Fusion	Material	
11:30		Task Summary (2)	Fusion	Fusion	Material	
12:00		Task Summary (3)	Fusion	Fusion	Material	
12:30		Lunch	Lunch	Breakfast	Optional Tour to Daejon area (KBSI, KAERI)	
13:00		JSS Registration				
13:30		JSS (Opening remarks, Welcome address)	Fusion	Fusion		Material
14:00		Keynote (1) General	Fusion	Fusion		Material
14:30		Plenary (2) Materials	Fusion	Fusion		Material
15:00			Coffee Break	Fusion		Material
15:30		Plenary (3) Fusion	Poster Session All Students are requested to present their researches	Fusion		Material
16:00		Plenary (4) Fuel		Fusion		Material
16:30				Poster Awards & JSS Closing Remarks		
17:00	Registration at Hotel	Korea-Japan Soccer game		Optional Seoul Tour		
17:30						
18:00						
19:00		Executive Banquet	Night Session for Students	General Banquet		
20:00						