

IP-EUROTRANS
International Training Course (ITC-9) on
Accelerator-driven Transmutation System
for European and Asian Young Scientists and Engineers

Date : December 1-4, 2009

Place : Nuclear Technology and Education Center / JAEA, Tokai, Ibaraki, Japan

Program: (temporary)

- **Day 1. Tuesday 1st December**

13:30 Welcome

14:00 Research Activities in Asia, Hiroyuki Oigawa (JAEA)

[and two lecturers from China and South Korea](#)

15:30 Coffee break

16:00 European Research Activities on ADS, Hamid Aït Abderrahim (chairman of SRA/SNE-TP, SCK•CEN)

18:00 Welcome reception

- **Day 2. Wednesday 2nd December**

09:00 Physics of transmutation system, Shigeaki Okajima (JAEA)

10:30 Multi-physics parameters optimization of ADS core for transmutation, Carlo Artioli (ENEA-Bologna)

12:00 Lunch

13:30 Advanced fuel development for ADS applications, Fabienne Delage (CEA-Cadarache)

15:00 Coffee break

15:30 Development of high power proton accelerator, Nobuo Ouchi (JAEA)

19:00 Workshop Dinner

- **Day 3. Thursday 3rd December**

09:00 Students' presentations (1h 40' → 5 presentations)

10:40 Coffee break

11:00 Students' presentations (1h → 3 presentations)

12:00 Lunch

13:30 Students' presentations (40' → 2 presentations)

14:30 Visit of J-PARC facilities

- **Day 4. Friday 4th December**

09:00 Students' presentations (1h 40' → 5 presentations)

10:40 Coffee break.

11:00 Course evaluation by students.

12:00 Lunch