

2017 Japan-Korea Tritium Workshop

Date: July 18-19, 2017

Venue: Hydrogen Isotope Research Center, Organization for Promotion of Research,
University of Toyama, Gofuku Campus

(<http://www.hrc.u-toyama.ac.jp/en/access/>)

17th (Mon) July, 2017 :Korea side Participants arrive at Toyama.

18th(Thrs) July, 2017 : Tritium Workshop (1st Day)

Location : Collaboration room at Hydrogen Isotope Research Center

9:30	Greetings at University of Toyama	All Participants
9:30 – 9:35	Welcome	Yuji Hatano (Univ. of Toyama)
9:35 –9:45	Opening Remarks	Yasuhisa Oya (Shizuoka Univ.) / Kijung Jung (NFRI)
9:45 – 10:15	T1_JA1_Research plan on beta-ray induced double-strand DNA breaks	Yuji Hatano (Univ. of Toyama)
10:15 – 10:45	T2_KO1_Status of the KO-DA procurement activities	Kijung Jung (NFRI)
10:45 – 11:15	T3_JA2_Progress of ITER Detritiation System (DS)	Kanetsugu Isobe (QST)
11:15 – 11:30	Coffee Break	All Participants
11:30 – 12:00	T4_JA3_Damage profile dependence on D retention in damaged W	Yasuhisa Oya (Shizuoka Univ.)
12:00 – 12:30	T5_KO2_Recent R&D and design status of ITER tritium SDS	Sei-Hun Yun (NFRI)
12:30 – 13:30	Lunch	
13:30 – 14:00	T6_JA4_Tritium permeation behaviors through oxide dispersed strengthening steels	Teppei Otsuka (Kinki Univ.)
14:00 – 14:30	T7_KO3_Hydrogen Isotope and Uranium Safety	Hongsuk Chung (KAERI)
14:30 – 15:00	T8_JA5_Tritium recovery from molten salt blankets in a fusion reactor	Satoshi Fukada (Kyushu Univ.)
15:00 – 15:30	T9_KO4_Molecular dynamics simulation on hydrogen permeation through bcc-Fe	Takuji Oda (SNU)
15:30 – 15:45	Coffee Break	
15:45 – 16:15	T10_JA6_Developments of tritium transport code in solid tritium breeding materials	Makoto Kobayashi (NIFS)

16:15 – 16:30	T12_KO6_Information for Tritium 2019	Hyejin Yun (NFRI)
16:00 – 16:30	Discussion	All
18:30 – 20:30	Non-host Dinner	

Move back to Hotel

19th(Wed) July, 2017 : Tritium Workshop (2nd Day)

Location : Collaboration room at Hydrogen Isotope Research Center

09:00 – 09:30	T13_KO7_ Current status and issue of Depleted Uranium hydride bed development	Hyun-Goo Kang (NFRI)
09:30 – 10:00	T12_JA8_Helium retention behavior in simultaneous implanted tungsten	Qilai Zhou (Shizuoka Univ.)
10:00 – 10:30	T13_KO8_ Hypothetical Operation Model of Fuel Cycle of Tritium Plant Based on Scheduling Approach	Suhyoung Lee (POSTECH)
10:30 – 12:00	Discussion and summary (Wrap-up)	All
12:00 – 13:00	Lab tour	
13:00 –	Lunch	