

Workshop

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제4회 한 - 일 원자력재료 워크숍 - 핵융합재료

- | 일시 2015년 10월 28일(수) 10:00~12:30
- | 장소 호텔현대 경주, 지하1층 크리스탈
- | 주최 한국원자력학회 핵연료 및 원자력재료 연구부회

Time	Content
09:45 ~ 09:55	Registration
09:55 ~ 10:00	Welcome Remark – Dr. Chan-Bok Lee (KNS–Nuclear Fuel and Materials Division)
	Session I : Structural Materials (Chair : Prof. Changheui Jang)
10:00 ~ 10:20	Development of iron–based composites with high thermal conductivity for DEMO – Prof. Naoyuki Hashimoto (Hokkaido Univ.)
10:20 ~ 10:40	Development of advanced reduced–activation alloy (ARAA) for fusion reactor applications – Dr. Y.B. Chun, D.W. Lee, S. Cho, C.K. Rhee, Y.H. Jeong (KAERI)
10:40 ~ 11:00	Development of silicon carbide composites for nuclear application – Prof. Tatsuya Hinoki (Kyoto Univ.)
11:00 ~ 11:20	Oxidation of SiC ceramics and composites in high–temperature He with various oxygen partial pressures – Dr. W.–J. Kim, D. Kim, D.J. Kim, J.Y. Park (KAERI)
11:20 ~ 11:30	Break
	Session II : Plasma Facing Materials (Chair : TBD)
11:30 ~ 11:50	Development of tungsten based plasma facing components for KSTAR upgrade – Dr. Suk–Ho Hong (NFRI)
11:50 ~ 12:10	Tungsten material development and evaluation for fusion reactor application – Prof. Akira Hasegawa (Tohoku Univ.)
12:10 ~ 12:30	Development of a PVD/PS W coating on graphite panel – Prof. C. Jang, H. Kim (KAIST)
12:30 ~	Lunch

| 기타사항

- 등록비 : 3만원 (발표책자 및 점심식사 제공)
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