

Tuesday October 21

SESSION 5	Irradiation effects		Chair: S.A. Maloy
8:30 - 8:50	WANG, Kun	PSI	Deformation mechanism for irradiated ferritic/martensitic
8:50 - 9:10	PAREIGE, Cristelle	Université et INSA de Roc	Microstructural changes in ferritic-martensitic steels under mixed proton-neutron irradiation
9:10 - 9:30	LU, Wei	SNS	Transmutation Products in Steel and Tungsten samples at FMITS
9:30 - 9:50	LI, Jingyang	Institute of Modern Phy.	Calculation of Radiation Damage and Helium Production of various materials irradiated in SINQ Target-7
9:50 - 10:20	Coffee break		
SESSION 6	Target material and engineering		Chair: Y.J. Lee
10:20 - 10:40	ZHANG, Xiaoxin	University of Science an	Texture evolution and basic thermal-mechanical properties of pure tungsten under various rolling reductions
10:40 - 11:00	HABAINY, Jemila	Lund University / ESS	Fatigue behaviour of rolled and forged tungsten at 25°C and 270°C
11:00 - 11:20	SHEN, Tielong	PSI	Microstructure and mechanical properties of tungsten at elevated temperatures
11:20 - 11:40	PERILLO-MARCONE Ant	CERN	Low Z materials for Beam Intercepting Devices at CERN
11:40 - 12:00	ZHU, Shengyun	China Institute of Atomic Energy	Development of triple beam irradiation facilities at CIAE
12:00 - 13:30	Lunch		
SESSION 7	Liquid metal technology		Chair: M. Futakawa
13:30 - 13:50	NAOE, Takashi	JAEA	Effect of injecting gas microbubbles on pressure wave mitigation in the JSNS mercury target A remark on cavitation damages in a narrow gap: The bubble collapse in a narrow gap and the corresponding shock wave
13:50 - 14:10	OGASAWARA, Toshiyuki	Osaka Prefecture Univer	emissions
14:10 - 14:30	YELISEYEVA, Olha	Physical-Mechanical Institute, Ukraine	Model of interaction of Fe-Armco and chromium steels with oxygen-containing lead melts
14:30 - 14:50	MAKHOV, Kirill	Nizhny Novgorod State	The experimental study of the wall boundary layer in Pb and Pb-Bi systems
14:50 - 15:10	MARINO, Alessandro	SCK-CEN	Design and test of a mass exchanger for oxygen control in liquid lead bismuth eutectic
15:10	Poster session		Chair: Y. Dai
15:30 - 21:00	Social activity + conference dinner		