

Tenth International Workshop on Spallation Materials Technology

Tuesday, 19 October 2010

Oral Session — 6 Compatibility of liquid metals with structural materials: liquid metal corrosion and embrittlement (13:30 - 15:35)

time	[id] title	presenter
13:30	[106] Corrosion kinetics of steel T91 in flowing oxygen-containing lead-bismuth eutectic at 450° and 550°C	Dr KONYS, Juergen
13:55	[107] Corrosion-erosion test of SS316L grain boundary engineering material (GBEM) in lead bismuth flowing loop	Dr SAITO, Shigeru
14:15	[108] Nano-structure investigation of HCM12A oxide layer	Prof. KIKUCHI, Kenji
14:35	[109] Breakthrough technology for measuring the electrical impedance of protective steel oxide scales in LBE at temperatures up to 600°C	Dr BOLIND, Alan
14:55	[110] Impedance spectroscopy and microstructural characterization of the corrosion behavior of FeCrAl steel in lead-bismuth eutectic	Mr CHEN, Xiang
15:15	[111] Electrically rectifying properties of protective oxide layers on steels in a liquid lead-bismuth-eutectic alloy environment	Dr BOLIND, Alan