



# Tenth International Workshop on Spallation Materials Technology

Tuesday, 19 October 2010

Oral Session — 5 Compatibility of liquid metals with structural materials: liquid metal corrosion and embrittlement (09:55 - 12:00)

time	[id] title	presenter
09:55	[100] Pulsed E-beams to improve Corrosion Barriers for Lead Alloy Cooled Reactors: overview and dedicated Mechanical Tests	Dr WEISENBURGER, Alfons
10:20	[101] FeCrAlY and TiN coatings on T91 steel after irradiation with 72 MeV protons in flowing LBE	Dr DAI, Yong
10:40	[102] Influence of oxide layer strength on LME susceptibility of Si enriched steels	Dr VAN DEN BOSCH, Joris
11:00	[103] Embrittlement effects of LBE on ferritic/martensitic steels after irradiation in SINQ targets	Dr LONG, Bin
11:20	[104] Fatigue crack propagation accelerated by mercury immersion	Dr NAOE, Takashi
11:40	[105] Effect of cold working on the corrosion resistance of JPCA steel in flowing Pb-Bi at 450°C	Dr RIVAI, Abu Khalid