



# 16th International Workshop on Spallation Materials Technology (IWSMT16)

## Tuesday, 29 October 2024

**Liquid/solid and particle beam interactions and associated studies: pressure waves, cavitation, erosion, corrosion etc and mitigation techniques: (Conveners: Marino Alessandro & Takashi Naoe) (15:20 - 17:00)**

time	[id] title	presenter
15:20	[17] Damage inspection of mercury target vessel operated at 1 MW in J-PARC neutron source	Dr NAOE, Takashi
15:45	[22] Comparison of simulated and observed cavitation-induced erosion damage in Spallation Neutron Source target vessels	JIANG, Hao
16:10	[6] Conceptual development of beamstrahlung photon absorber for FCCee	CALVIANI, Marco
16:35	[56] Long term fuel assembly material and hydraulic behavior in HLM systems	MARINO, Alessandro

# Thursday, 31 October 2024

**Liquid/solid and particle beam interactions and associated studies: pressure waves, cavitation, erosion, corrosion etc and mitigation techniques: (Conveners: Marino Alessandro & Takashi Naoe) (09:00 - 10:40)**

time	[id] title	presenter
09:00	[38] Experimental Activities in SCK CEN on Corrosion of Structural Materials in Static and Dynamic Liquid Pb-Bi Eutectic - Overview	TSISAR, Valentyn
09:25	[39] Study on Electromigration Effect in High-temperature Liquid Metal Pool	-, Humam
09:50	[40] Excellent corrosion resistance of self-healing Al-rich oxide layer on FeCrAl alloy in flowing lead bismuth eutectic	KITAMURA, Yoshiki
10:15	[25] Embrittlement effect of liquid lead-bismuth eutectic on irradiated ferritic/martensitic steels	DAI, Yong