



# ICEC/ICMC 2014 Conference

## Thursday, 10 July 2014

### Thu-Af-Orals Session 18: Heat Transfer and Materials Testing - WA4 (16:15 - 18:30)

-Conveners: Robert Walsh

time	[id] title	presenter
16:15	[227] Pumping speed offered by Activated Carbon at liquid Helium temperatures by sorbents adhered to indigenously developed Hydroformed Cryopanel	Ms GANGRADEY, Ranjana
16:30	[267] Evaluation of accuracy about prediction method of cryogenic tensile strength for austenitic stainless steels in ITER Toroidal Field Coil Structure procurement activity	Mr SAKURAI, Takeru
16:45	[186] Performance Evaluation of Heat Transfer Enhancement in Plate-Fin Heat Exchangers with Offset Strip Fins	Prof. LI, Yanzhong Mr YANG, Yujie
17:00	[80] A Hydrogen Pulsating Heat Pipe	Ms LIU, Yumeng
17:15	[393] Measurements of convection heat transfer coefficients for hydrocarbon mixtures during boiling in a heated horizontal pipe from 100 K to room temperature	Mr BARRAZA, Rodrigo
17:30	[164] Prevention methods of natural convection in inclined pipes – an experimental study	Dr LANGEBACH, Robin
17:45	[57] CFD Simulations and Visualization of Experimental Verification study on Nucleate Pool Boiling of Liquid Nitrogen	Ms XIONG, Wei
18:00	[104] Film-wise condensation characteristics at liquid nitrogen temperatures	Ms TANG, Yuan
18:15	[47] Design and Testing of 100 mK High-Voltage Electrodes for AEgIS	DERKING, Jan Hendrik