

ICEC/ICMC 2014 Conference

Tuesday 8 July 2014

Tue-Af-Posters Session 1.4: Instrumentation and Process Controls (14:15 - 16:00)

-Conveners: Christine Darve

[id] title	presenter	board
[416] The ESS superconducting RF cavity and cryomodule cryogenic processes	Dr DARVE, Christine	
[99] Improvement of the operational settings of a helium purifier, leading to a higher purity of the recovered gas	Prof. IKEDA, Hiroshi	
[286] Heat load estimator for smoothing pulsed heat loads on supercritical helium loops	HOA, Christine	
[115] Calibration of an HTS based LOX 400mm level sensor	Prof. RANGASAMY, Karunanithi	
[397] Deep Cryogenic Low Power 24 bits Analog to Digital Converter with Active Reverse Cryostat Package	Dr TURQUETI, Marcos	
[168] An optimal control approach for an overall cryogenic plant under pulsed heat loads	Mr GOMEZ PALACIN, Luis	
[185] Corrections of reducing the uncertainty of the self-heating in cryogenic temperature measurements of the highest accuracy	Prof. LI, Zhengyu	
[133] Development of a Measurement and Control System for a 40L/h Helium Liquefier Based on the Siemens PLC S7-300	Dr YAN, Tao	
[64] Cryodiagnostics of SC-accelerators with fast cycling superferric magnets	FILIPPOV, Yury	
[139] Fundamental study of a liquid hydrogen tank for transportation using MgB ₂ level sensor	Mr MAEKAWA, Kazuma	
[96] Improved software production for the LHC tunnel cryogenics control system	Mr FLUDER, Czeslaw	
[249] Fiber Bragg grating sensors for a mass flow determination in a rotating liquid neon cooling channel	Mr RICHTER, Thomas	
[248] Building a thinner gap in a Gas Gap Heat Switch	Prof. CATARINO, Isabel	
[261] Commissioning of temperature sensors for the XFEL AMTF	VAN DER WOUDE, Ruud	
[151] Validation of a new method for flow measurement in cryogenic systems	Mr JANZEN, Andreas	