

5th Workshop Energy for Sustainable Science at Research Infrastructures

Friday, November 29, 2019

Friday, 29 November 2019: Parallel Session Cryogenic Systems and Conventional Cooling - OSGA/EG06 (8:30 AM - 10:40 AM)

-Conveners: Serge Claudet

time	[id] title	presenter
8:30 AM	[14] Technology and Economics of He Refrigeration Using the Example of ESS	Dr WEISEND, John
8:55 AM	[29] Energy Efficient helium-neon Refrigeration for FCC	TAVIAN, Laurent
9:20 AM	[30] Recent studies on water consumption and improvements on cooling towers effluents	Dr DELEVAL, Serge
9:45 AM	[31] Efficiency versus sobriety: optimized cryogenic design of stand-alone superconducting magnets	Dr LEBRUN, Philippe
10:10 AM	Coffee break	

Friday, 29 November 2019: Parallel Session Energy efficient technologies II - WHGA/001 (8:30 AM - 10:40 AM)

-Conveners: Allen Weeks

time	[id] title	presenter
8:30 AM	[13] Status of high efficient RF power sources - Outcome of Uppsala Workshop	RUBER, Roger
8:55 AM	[27] Challenges of a megawatt CW class solid state power amplifier for the SPS at CERN	MONTESINOS, Eric
9:20 AM	[9] Permanent accelerator magnets for light sources	CHAVANNE, Joel
9:45 AM	[28] High current pulsed magnets for energy efficient beam transport systems	Dr SPILLER, Peter
10:10 AM	Coffee break	

Friday, 29 November 2019: Plenary Session - WHGA/001 (10:40 AM - 1:00 PM)

-Conveners: Frédérick Bordry

time	[id] title	presenter
10:40 AM	[37] Lifecycle Assessment: Usefulness for and Applicability to Research Infrastructures	MARGNI, Manuele
11:10 AM	[32] Ecological Diversity	WELANDER, Thérèse
11:40 AM	[38] Summary Research	WEEKS, Allen
11:55 AM	[39] Summary Energy Management	BOCCHETTA, Carlo
12:10 PM	[40] Summary Energy Efficient Technology	LEHNER, Frank
12:25 PM	[41] Summary Cryogenic systems and conventional cooling	CLAUDET, Serge

12:40 PM	[42] Closing Remarks
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SEIDEL, Mike
