

5th Workshop Energy for Sustainable Science at Research Infrastructures

Friday, 29 November 2019

Friday, 29 November 2019: Parallel Session Cryogenic Systems and Conventional Cooling - OSGA/EG06 (08:30 - 10:40)

-Conveners: Serge Claudet

time	[id] title	presenter
08:30	[14] Technology and Economics of He Refrigeration Using the Example of ESS	Dr WEISEND, John
08:55	[29] Energy Efficient helium-neon Refrigeration for FCC	TAVIAN, Laurent
09:20	[30] Recent studies on water consumption and improvements on cooling towers effluents	Dr DELEVAL, Serge
09:45	[31] Efficiency versus sobriety: optimized cryogenic design of stand-alone superconducting magnets	Dr LEBRUN, Philippe
10:10	Coffee break	

Friday, 29 November 2019: Parallel Session Energy efficient technologies II - WHGA/001 (08:30 - 10:40)

-Conveners: Allen Weeks

time	[id] title	presenter
08:30	[13] Status of high efficient RF power sources - Outcome of Uppsala Workshop	RUBER, Roger
08:55	[27] Challenges of a megawatt CW class solid state power amplifier for the SPS at CERN	MONTESINOS, Eric
09:20	[9] Permanent accelerator magnets for light sources	CHAVANNE, Joel
09:45	[28] High current pulsed magnets for energy efficient beam transport systems	Dr SPILLER, Peter
10:10	Coffee break	

Friday, 29 November 2019: Plenary Session - WHGA/001 (10:40 - 13:00)

-Conveners: Frédérick Bordry

time	[id] title	presenter
10:40	[37] Lifecycle Assessment: Usefulness for and Applicability to Research Infrastructures	MARGNI, Manuele
11:10	[32] Ecological Diversity	WELANDER, Thérèse
11:40	[38] Summary Research	WEEKS, Allen
11:55	[39] Summary Energy Management	BOCCHETTA, Carlo
12:10	[40] Summary Energy Efficient Technology	LEHNER, Frank
12:25	[41] Summary Cryogenic systems and conventional cooling	CLAUDET, Serge
12:40	[42] Closing Remarks	SEIDEL, Mike