

ICHEP 2024

Friday 19 July 2024

Sustainability: Sustainability - Club C (08:30 - 10:15)

-Conveners: Peter Millington

time	[id] title	presenter
08:30	[85] The international workshop on Sustainable HEP	SAHA, Shreya
08:45	[727] Environmental sustainability in basic research: a perspective from HECAP+	LOHWASSER, Kristin
09:00	[605] Estimating energy consumption and carbon costs of GEN-SIM, DIGI and RECO jobs at LHC	MINARINI, Francesco
09:15	[1158] Sustainable Cooling Solutions : A Case Study of the LHCb Datacenter	NEUFELD, Niko
09:30	[1356] Carbon, Power, and Sustainability in ATLAS Computing	ANASTOPOULOS, Christos
09:45	[1282] Efficient generation of unweighted events with matrix element surrogates	JANSSEN, Timo
10:00	[1336] An efficient and sustainable approach to precision simulations at the LHC	GUTSCHOW, Christian

Sustainability: Sustainability - Club C (10:45 - 12:30)

-Conveners: Heinrich Schindler

time	[id] title	presenter
10:45	[1233] Overview of CERN strategies for the reduction of greenhouse gas emissions from particle detectors	RIGOLETTI, Gianluca
11:05	[1388] Mitigation of the ATLAS RPC environmental impact	SIMSEK, Sinem
11:20	[241] Performance and ageing studies on Eco-Friendly Resistive Plate Chamber detectors	RAMOS LOPEZ, Dayron
11:35	[856] "Green" use of fluorocarbons in Cherenkov detectors and silicon tracker cooling systems: challenges and opportunities.	Dr HALLEWELL, Gregory
11:50	[1188] Environmentally friendly fluids for detector cooling in LHCb	JAKOBSEN, Sune
12:05	[292] Innovate for Sustainable Accelerating Systems (iSAS)	D'HONDT, Jorgen

Sustainability: Sustainability - Club C (14:30 - 16:15)

-Conveners: Claire David

time	[id] title	presenter
14:30	[1265] Know your footprint - Evaluation of the professional carbon footprint for individual researchers in high energy physics and related fields	BHALLA, Naman Kumar
14:45	[1268] Changing the world of research based on solid measurements	COADOU, Yann
15:00	[1384] CERN's strategy for an environmentally responsible research	KLEINER, Sonja
15:15	[1360] Updated results of a life cycle assessment of the ISIS-II neutron and muon source	Dr WAKELING, Hannah
15:30	[1335] Sustainability Strategy for the Cool Copper Collider	NTOUNIS, Dimitris

15:45	[1442] The LDG working group on sustainability assessment of future accelerators	Dr TITOV, Maksym
16:00	[846] Sustainability Studies for Future Linear Colliders	Dr LIST, Benno