



Hot Topic 1: sustainability of accelerator facilities

Monday 22 September 2025 17:30 (1 hour)

There is increasing awareness within the global community of the need for meaningful actions on energy consumption and sustainability. High energy physics installations consume large quantities of energy and non-recoverable resources. Existing operation is being challenged to reduce consumption and new projects are being scrutinized for a full life cycle impact. Future developments of accelerator science and technology will be required with increasing urgency to improve efficiency of operation, promote more sustainable accelerator concepts and reduce environmental impact of our facilities. While noting that SRF is an intrinsically efficient technology there are steps that our community can contribute to support the cause. The hot topic session will host panelists from each of the three global regions to discuss on-going efforts to enable big science to proceed in a more sustainable way and the role that superconducting rf can play in that initiative.

I have read and accept the Privacy Policy Statement

Yes

Footnotes

Funding Agency

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