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## **Modification of the LHC underground ventilation system**

*Tuesday 26 January 2010 19:30 (20 minutes)*

This presentation reviews the requirements of the HVAC system concerning confinement, filtering and smoke extraction. Being able to release He following minor leaks adds another level of complexity beyond the normal functionalities of a ventilation system. Propositions for upgrades are discussed, with improved sectorisation to fulfill the RP requirements as intensity and energy increase, and to add more flexibility on access during powering tests.

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**Session Classification:** Session 4 - Safety for Personnel Underground - He Evacuation