



Contribution ID: 58

Type: **not specified**

### **HWC 2010 and beyond –R.Schmidt - 15 min**

*Monday 25 January 2010 11:25 (15 minutes)*

For the years to come, extensive re-commissioning of the superconducting circuits is expected. In order to reduce the time and resources required for the re-commissioning, ideas how to improve the efficiency are discussed. Some of the steps during the re-commissioning can be optimised, reducing the number of interfaces between different teams. The different software tools can be improved and partially combined, in order to better follow up the evolution of a circuit and to optimise the coordination between different teams. This includes ELQA at warm, cooldown, ELQA at cold, cable connections, power converter unblocking and finally powering tests. Personal safety is vital, and an iteration for rationalising the safety procedures is proposed. Another important aspect is the general organisation, including the definition of responsibility for the commissioning and the transition between shutdown, hardware commissioning and beam operation. The preparation for the next commissioning campaign should start soon, since it will take some time to implement upgraded tools.

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**Session Classification:** Session 1 - Preconditions for Operating at 5 TeV in 2010