

## **Mandate for the LHC Programme Coordinator**

The LHC Programme Coordinator (LPC) coordinates the activities between the persons responsible for running the LHC machine and the persons responsible for running the LHC experiments.

This coordination is aimed at optimising the efficiency of the data collection for the LHC physics programme, and optimising the scientific output. The optimisation takes into account: the status of the LHC machine, the status of the LHC experiments and the priorities of the physics programme.

The LPC is an ex officio member of the LHC Committee (LHCC) and of the Research Board (RB).

### **Procedure**

The LPC and his/her deputy are nominated by the Director of Research and Computing. The LPC reports to the Director of Research and Computing and consults with both the Director of Research and Computing and the Director of Accelerators and Technology. To ensure continuity the succeeding LPC will typically have served for one term as deputy to the current LPC. A term lasts between one or two years depending on the operating schedule of the LHC.

The LPC prepares, prior to the annual winter shutdown, the LHC running schedule for the following year in consultation with the LHC machine and the LHC experiments. The schedule is discussed in the LHCC and presented for approval at the RB. All requests for modifications of the schedule have to be communicated to and approved by the LPC.

The LPC is also responsible for collecting requests from all experiments for non-standard modes of operation of the LHC machine, e.g. during special physics runs, for assigning priorities, and for detailed scheduling of these periods. Decisions are taken in close consultation with all experiments with the aim of optimising physics return.

The LPC chairs the regular coordination meetings, called as appropriate, where the LHC machine and the LHC experiments are represented. The representation should be such that informed decisions can be taken in an efficient and effective manner. The LPC can at any time invite additional experts as he/she deems appropriate.

The LPC has the authority to take decisions affecting or changing previously agreed running scenarios as he/she sees fit, in accordance with these guidelines and – if possible – after discussion in the coordination meeting and, when needed, after consultation with the Director for Research and Computing.

The LPC may be contacted at any time by the respective LPC contact person for the experiments (by default the experiment Run-Coordinator) and the LHC (typically the LHC operations coordinator).