

SLHC-PP

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1. EXECUTIVE SUMMARY

The ATLAS upgrade organization has two main bodies, the Upgrade Steering Group (USG) with representation from the groups involved in the upgrade work, and the Project Office (PO) which takes care of the technical coordination of the upgrade. For the implementation phase three main changes are being implemented, several Upgrade PRojects (UPR) related to constructing specific parts will be created with their own individual project organization reporting to and being represented in the two main coordination bodies above, there will be changes in the two main bodies above in terms of representation and meetings structure, and a upgrade resource board will be set up to deal with overall resource issues related to the upgrade.

2. INTRODUCTION

The existing ATLAS upgrade organization have been operational several years and focused on defining the scope, costs and scientific and technical studies related to upgrading the detector in the coming 10 year period. An extensive R&D programme has been set up and coordinated by this upgrade organization. Currently several of the individual upgrade projects move from the R&D phase into developing larger prototypes and constructing the actual upgraded detector parts, and the upgrade organization is being changed to adapt to the implementation phase.

3. SUGGESTED NEW ORGANISATION



Various UPRs: IBL, FTK, MuSW, MuTr, etc

Electronics Coordination, Task Forces, Schedules, Reviews and Follow-ups, Central Drawing Office, Installation, Infrastructure, Common Projects, Common funds, Safety

The details and implementation of the new organization in the illustration above are still being discussed. The USC and PO already exist but their roles and composition will need to be gradually changed. The first UPR with its associated internal project organisation has been implemented and is focussed on constructing a new inner layer PIXEL system around a smaller beampipe. This project also serves as a prototype for several more implementation projects. An overall upgrade resource board will also be set up to overview the resource planning for the ATLAS upgrade project, based on the national contacts that exist already to the ATLAS groups in all countries.

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4. CONCLUSIONS

The ATLAS upgrade organization for the implementation phase has been defined, and is in the process of being implemented. The modus operandi is being adapted to the new structure and the first individual upgrade project in this structure is operational, related to constructing a new inner layer PIXEL system for the ATLAS detector system.