



Autumn 2010 Reprocessing Post-Mortem

Introduction

- As you know, the last (data) reprocessing jobs finished successfully on Tuesday this week. Campaign over after three months.
 - Thanks a lot to everyone who contributed!
- Today we will discuss how it went from a computing and software point of view, and what we can do better.
 - Not only for the data reprocessing, but also for MC and for prompt reconstruction.
- The autumn (data) reprocessing was different than previous ones because of the dataset size and due to using a new release.
 - But of course it will not get any easier in the future.
- After the presentations this morning we will have a discussion about what we can do better and what we need to address for the spring.

Brief Timeline of the Reprocessing

- Tag deadline for release 16 on August 30.
 - Even before that there were development releases.
- Most of September spent on getting the release to build and to run the samples for the first physics validation meeting.
- Conditions deadline on September 24 together with software tags to use the improved conditions.
 - One week extension given for the ID alignment.
- Initial express stream reprocessing launched on Oct 8.
 - Finished on Oct 14. Very useful exercise.
- Launch of bulk reprocessing on Oct 29.
 - Jobs staged in 3 steps for Apr-Sep runs, and then the Oct runs were submitted afterwards. Finally a crashed job recovery.