Accelerator Complex Controls Renovation Workshop, LHC excluded

Report of Contributions

https://indico.cern.ch/e/45392

Contribution ID: **0** Type: **not specified**

Objectives of this Workshop

Wednesday, 3 December 2008 09:00 (10 minutes)

Presenter: SCHMICKLER, Hermann (AB-BDI)

Session Classification: Introduction

Contribution ID: **1** Type: **not specified**

Controls Renovation and the Accelerator Consolidation Project

Wednesday, 3 December 2008 09:10 (10 minutes)

Presenter: BAIRD, Simon (CERN)

Session Classification: Introduction

Contribution ID: **2** Type: **not specified**

Purpose and Scope of the Controls Renovation

Wednesday, 3 December 2008 09:20 (20 minutes)

This talk will provide a global overview of the technical and organizational motivations for this controls renovation, along with a general overview of the concerned domains and actors.

Presenter: VANDEN EYNDEN, Marc (CERN)

Session Classification: Controls

Contribution ID: **3** Type: **not specified**

Standardized Hardware Modules

Wednesday, 3 December 2008 10:00 (20 minutes)

Workpackage covering the standard controls hardware modules supported by the CO group, along with their devide drivers and test programs
This talk covers the scope, objectives, budget and resources needed

Presenter: SERRANO, Javier (CERN)

Session Classification: Controls

Contribution ID: **4** Type: **not specified**

Front-end Hardware Platforms

Wednesday, 3 December 2008 09:40 (20 minutes)

Workpackage covering the standard front-end hardware platforms supported by the CO group, along with global operational figures, new technology opportunities and cost.
This talk covers the scope, objectives, budget and resources needed to build, integrate, validate and deploy these platforms in the future

Presenter: DE METZ-NOBLAT, Nicolas (CERN)

Session Classification: Controls

Contribution ID: **5** Type: **not specified**

Front-end Software

Wednesday, 3 December 2008 11:00 (20 minutes)

Workpackage covering the global Front-end RT software, its current situation and evolution. This talk covers the scope, objectives, budget and resources needed as seen from the CO group

Presenter: Mr SICARD, Claude-Henri (CERN)

Session Classification: Controls

Contribution ID: **6** Type: **not specified**

The FESA Project

Wednesday, 3 December 2008 10:40 (20 minutes)

Workpackage covering the Front-End Software Architecture (FESA) Framework used as the standard environment for RT front-end software development across all CERN Accelerators.
This talk covers the scope, objectives, budget and resources needed, as an outcome of the FESA workshop organized at CERN on November 25th.

Presenter: ARRUAT, Michel (CERN)

Session Classification: Controls

Contribution ID: **7** Type: **not specified**

The IncA Project

Wednesday, 3 December 2008 11:20 (20 minutes)

Workpackage covering all core components of the Application software required for beam control. This talk covers the scope, objectives, budget and resources needed, as seen by the CO group.

Presenter: DEGHAYE, Stephane (CERN)

Session Classification: Controls

Contribution ID: **8** Type: **not specified**

Beam Instrumentation

Wednesday, 3 December 2008 14:00 (25 minutes)

Motivations for this controls renovation, as seen by the BI group.
Scope, objectives, budget and resources needed.

Presenter: Mr JENSEN, Lars (AB/BDI)

Session Classification: Beam Instrumentation

Contribution ID: **10** Type: **not specified**

Radio Frequency

Wednesday, 3 December 2008 14:25 (20 minutes)

Motivations for this controls renovation, as seen by the RF group.
Scope, objectives, budget and resources needed.

Presenter: BUTTERWORTH, Andrew (CERN)

Session Classification: Radio Frequency

Contribution ID: **11** Type: **not specified**

Power Converters

Wednesday, 3 December 2008 15:15 (25 minutes)

Motivations for this controls renovation, as seen by the PO group.
Scope, objectives, budget and resources needed.

Presenter: Mr KING, Quentin (CERN AB-PO)

Session Classification: Power Converters

Contribution ID: **12** Type: **not specified**

Areas Targets Beam

Wednesday, 3 December 2008 16:00 (25 minutes)

Motivations for this controls renovation, as seen by the ATB group.
Scope, objectives, budget and resources needed.

Presenter: Mr MASI, Alessandro (CERN)

Session Classification: Areas Targets Beam

Contribution ID: **13** Type: **not specified**

Operations

Wednesday, 3 December 2008 16:25 (25 minutes)

Current controls siutation as seen from Operations.
Constraints and implementation scenario for the controls renovation, as seen from Operations

Presenter: STEERENBERG, Rende (CERN)

Session Classification: Operations

Contribution ID: **14** Type: **not specified**

Summary

Wednesday, 3 December 2008 16:50 (25 minutes)

Presenter: SCHMICKLER, Hermann (AB-BDI)

Session Classification: Summary

Contribution ID: **15** Type: **not specified**

Beam Transfer

Wednesday, 3 December 2008 14:50 (20 minutes)

Motivations for this controls renovation, as seen by the BT group.
Scope, objectives, budget and resources needed.

Presenter: CARLIER, Etienne (CERN)

Session Classification: Beam Transfer