Session Program

29–30 Aug 2013

PLC Workshop

Operational experience

Ideon, Knut Wicksell
Scheelevägen 17 Lund, Sweden

Friday 30 August

08:30

Operational experience
Session | **Location:** Ideon, Knut Wicksell, Scheelevägen 17 Lund, Sweden | **Convener:** Annika Nordt

08:30–09:25 **Other domains using PLCs at CERN (others than machine interlocks)**

Speaker
Enrique Blanco

Subcontributions

> **Vacuum system, Cryogenics, Detector safety systems**

> **Process Control, Interlocks, safety instrumented systems**

> **Application standardization**

> **Experience with PLC from different vendors**

> **Future trends for PLCs**

09:25–10:20

Availability and safety of PLC based system – experience from the different labes

Speakers
Alvaro Marqueta, More Contributions TBD

Subcontributions

> **Operational experience**

> **Radiation issues**

> **Near misses**

> **Safety and process availability using the Siemens FH400 PLCs**
>
> > **Speaker**
> > Tomasz Ladzinski

10:20

10:40

Operational experience
Session | **Location:** Ideon, Knut Wicksell, Scheelevägen 17 Lund, Sweden | **Convener:** Annika Nordt

10:40–11:35 **PLCs and interfaces to the controls system**

Speaker
Contributions from participants (TBC)

Subcontributions

> **GUIs, EPICS, SCADA, JAVA, drivers (maintenability)**

11:35–12:15 **PLCs and services**

Speaker

Gregor Cijan

Subcontributions

Logging / archiving / post mortem

Synchronisation to external clocks

12:15