2nd LHC Controls Project Workshop

Aims of the Workshop

R. J. Lauckner
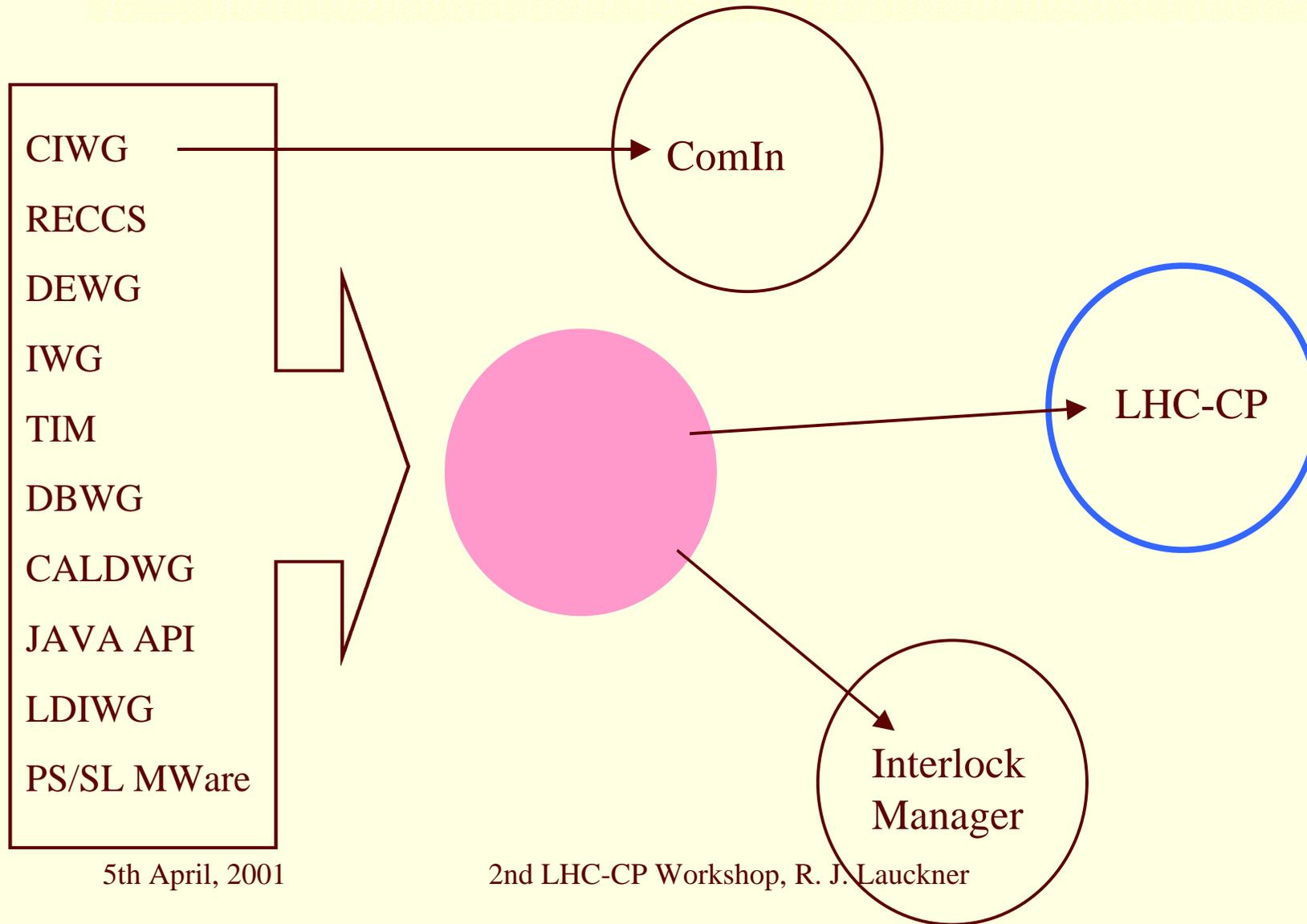
- What is LHC-CP?

- Aims of this Workshop

Organization

CIWG

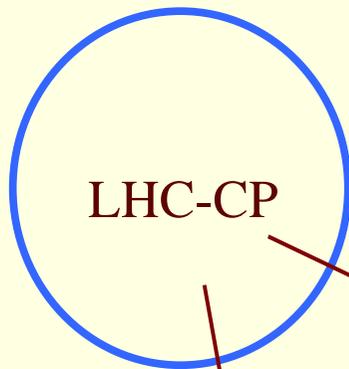RECCS

DEWG

IWG

TIM

DBWG

CALDWG

JAVA API

LDIWG

PS/SL MWare

ComIn

LHC-CP

Interlock Manager

Organization

LHC Commissioning Committee

LHC-CP ⟷ **SPS and LHC Technical Committee**

LHC Technical Coordination Committee

Mandate

– Efficient Use of Resources

– Consistent Technical Choices

– Meet Operational Requirements

Activities

– Requirements Analysis

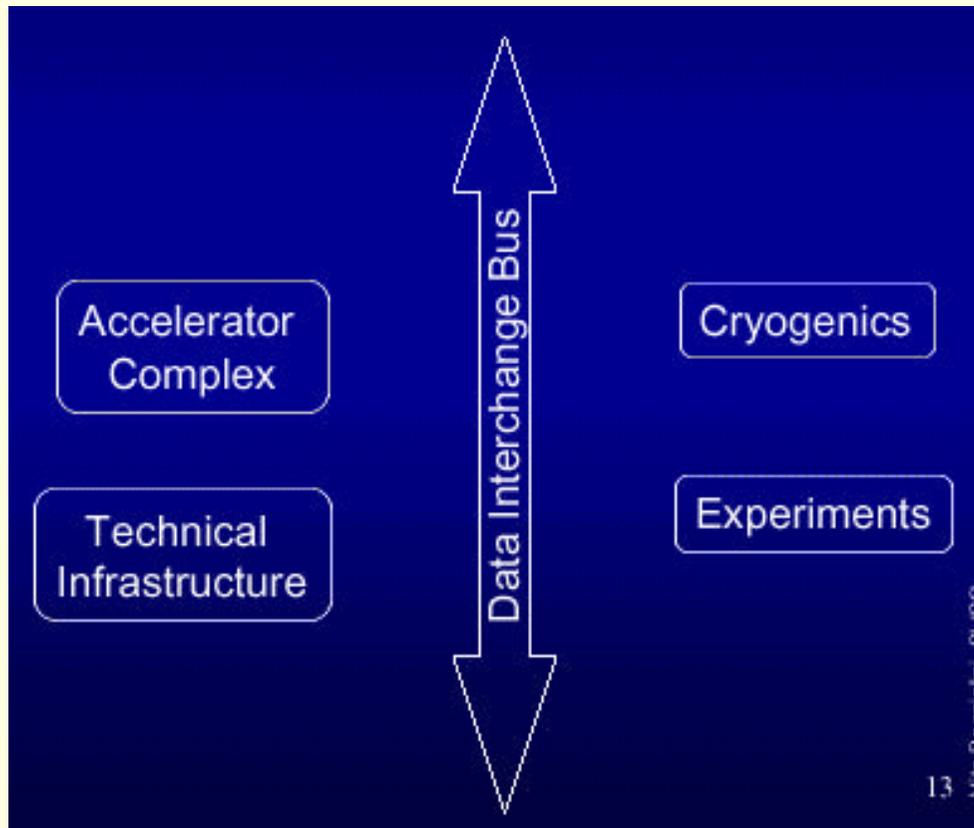– Architecture

– Services e.g. alarms, data management

– Guidelines

– Planning

- Track Progress since 1st Workshop
- Review " Hot Topics"
- Set Goals for 2001

Here's   *where you may find some answers?*

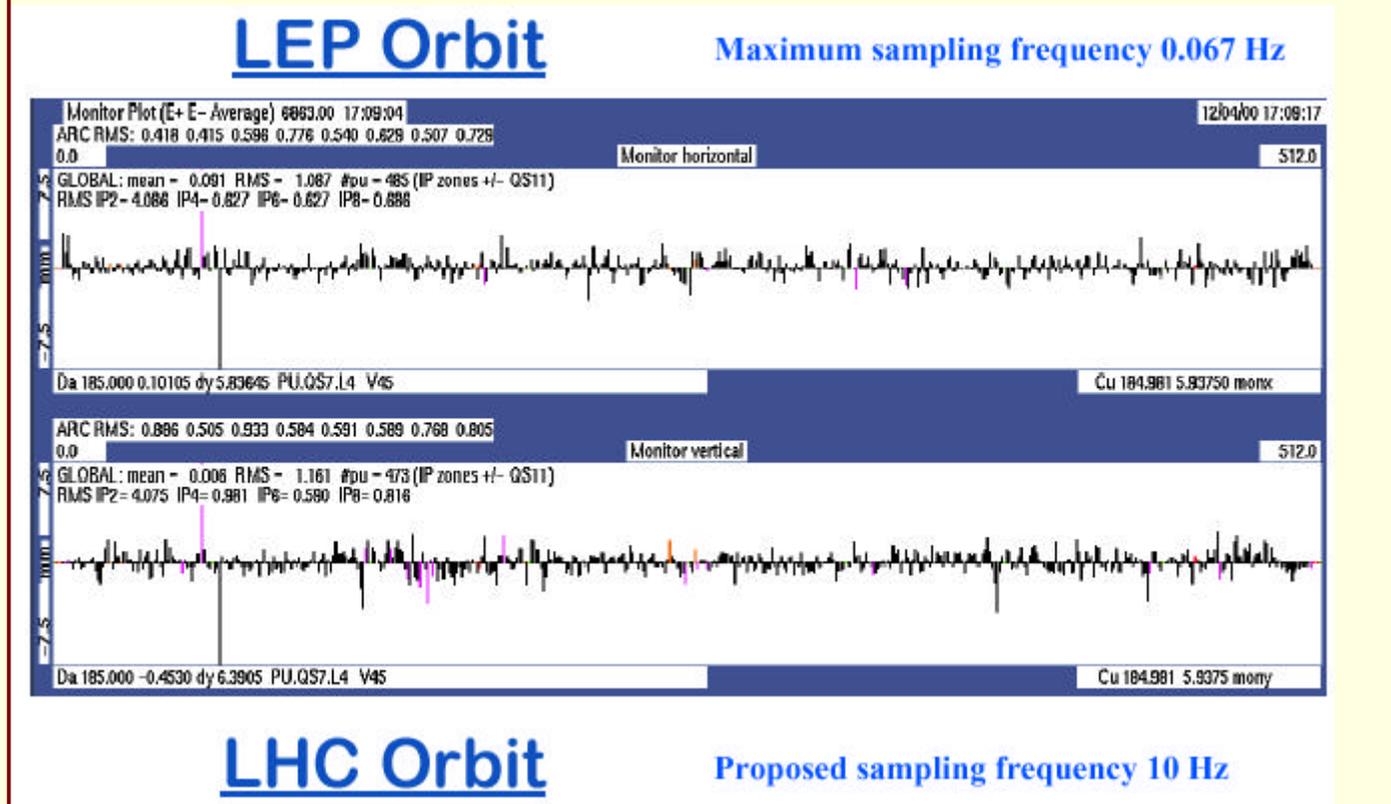**MiddleWare** chaired by
Vito Baggiolini

An Update on the Accelerator Sector from A. Risso (next talk). The TCR, JCOP and UNICOS are working with SCADA, see W. Salter and Architecture Session

RT Controls chaired by Alan Burns

☞ An update include in LAWG report, M. Lamont

Systems from Industrial Components chaired by E. Carlier

Industrial Components (What's IN?)

- Fieldbuses *(Control Board recommendation)*
  - CAN, WorldFIP, PROFIBUS
- PLCs *(Control Board recommendation)*
  - SIEMENS, Schneider
- SCADAs *(Working group)*
- (Ethernet)

Components Sub-Project, see Architecture Session. Two Controls Board working groups reported by G. Baribaud and Wayne Salter

Other issues in 2000, follow up

Alarms Sub-Project

👉 F. Calderini

Database Issues

👉 Database Session

Future Front Ends, Function Generators, Transient Recorders

👉 Hardware Session

Planning, questionnaire, QRL reception

👉 A. Daneels

Time Stamps and Accelerator Timing

👉 G. Beetham

Post Mortem, EDMS, Naming, Mandate …?

Coffee sessions!

Hot Topics!

String 2 Controls,

R. Saban

Hardware Sharing

Sharing Experience and Developments

Control System Homogeneity

Architecture

Use Case

Basic architecture and Interfaces

Software Production

Databases

Data Management and Integration

LEP Experience

LHC production Data

Data in PVSS

Goals for 2001

The intention is that these will emerge from the preparations, presentations and parallel sessions.

Have a Good Workshop!