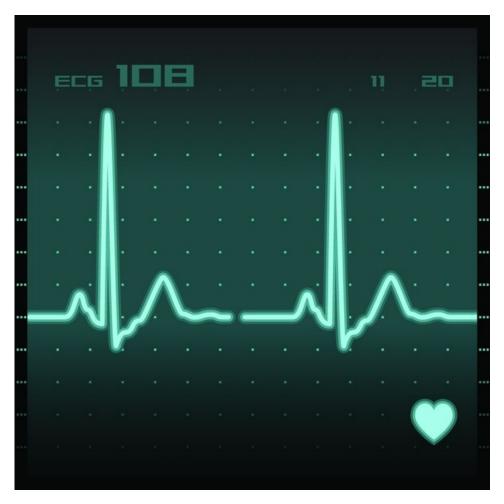# ADC Monitoring Workshop: Introduction

30.11.10 - CERN

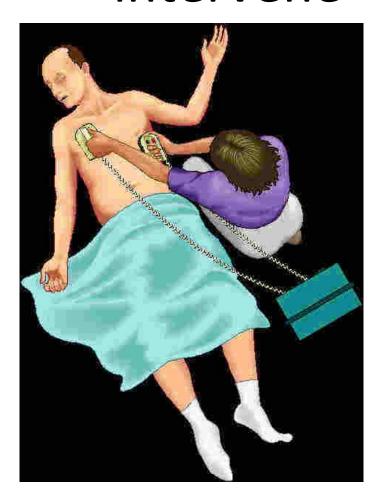A. Read

WHAT IS THE POINT OF MONITORING?!

Is our patient OK? If not, what's wrong?

If we identify the problem, we can intervene

Why we need e.g. shift-training ☺

Motivation for workshop

- Consolidate current efforts, report on status

- Consider possible rationalizations

- Decide on priorities for additional manpower

- Increase rate of improvement of ADC monitoring

- Have we considered all options?

ADC Monitoring Part I

Convener: Alexander Lincoln Read (EPF group-Department of Physics-University of Oslo)

Location: 40-S2-D01 - Salle Dirac

09:00 **Introduction** *10'*
Speaker: Alexander Read (University of Oslo)

09:10 **Lessons learned from monitoring of STAR experiment** *15'*
Speaker: Valeri Fine (BROOKHAVEN NATIONAL LABORATORY)

09:25 **Architecture and Implementation of the ATLAS Tier-0 Monitoring System - conTZole** *20'*
Speaker: Tomas Kubes

09:45 **Pandjango: review of PanDA Monitoring migration, testing and staged delivery plan** *15'*
Speaker: Maxim Potekhin (BROOKHAVEN NATIONAL LABORATORY)
Material: Slides 🖼️ 📕 Video 📄

10:00 **Global ADC job monitoring** *20'*
Speaker: Sargsyan Laura (YerPhI)

10:20 **ATLAS DDM Dashboard 2.0 PROTOTYPE** *20'*
Speaker: David Tuckett

10:40 Coffee break *20'*

11:00 **Egg interface to ADC Monitoring** *20'*
Speakers: Saul Youssef, Saul Youssef (Boston University)

11:20 **Monitoring for Tier-3's** *15'*
Speaker: Andrej Filipcic (University of Ljubljana)

11:35 **AGIS** *20'*

11:55 **Site Status Board: Ready for takeoff** *20'*
Speaker: Carlos Borrego Iglesias (IFAE)
Material: Slides 📕

- Lessons from "outside"
- What have we acheived with the tools we are using?
- New challenges
- AGIS – topology and information aggregation

Thoughts/questions

- Many things in ADC to monitor

- Many customers (users, sites, managers, shifters, experts), not all are satisfied yet

- 3 frameworks for various aspects of job/task monitoring (PanDA monitor, prodsys dashboard, analysis dashboard)

- Need to convert "command by email" to web interface, especially for accounting

- We need to increase the rate of improvement of monitoring services

What speakers were asked

- Focus on higher-level considerations, avoid detailed status

- What does the tool or toolkit in question provide now?

- What is missing and how much effort is required to extend/complete the tool?

- What unique view of ADC does the tool give? Overlaps?

- Architecture and underlying technology/toolkits used?

- How easy is it for new people to begin to contribute?
  - E.g. what are the odds that a typical summer student can make a meaningful contribution?

Discussion tomorrow

Wednesday 01 December 2010

09:00 - 12:30   **ADC Monitoring Part II**
Convener: Alexander Lincoln Read (EPF group-Department of Physics-University of Oslo)
Location: 40-S2-D01 - Salle Dirac

- Quick questions, clarifications today, plenty of time for discussion tomorrow.

- A panel is meeting this afternoon to plan the discussion session

  – If you have a burning issue, please let me or atlas-adc-monitoring@cern.ch know before 2 PM today.

- Please come tomorrow and participate!