



LHC Computing Grid Project - LCG

ARDA Workshop

CERN, 21-22 January 2004

Les Robertson – LCG Project Leader
CERN – European Organization for Nuclear Research
Geneva, Switzerland

les.robertson@cern.ch





Logistics

- Tomorrow - the meeting is in the
IT Amphitheatre Building 31 - 3rd floor
- Dinner this evening -
Please tell Sophie NOW if you are coming but have not signed up

Bus leaves from building 39 car park at 19:00.



Background

- **HEPCAL 2 - HEP Common Access Layer**
 - Use cases for distributed analysis
 - GAG (chair Federico Carminati)
- **ARDA RTGA - chair Lothar Bauerdick**
 - Final report in November
 - Accepted by SC2 with some comments
- **December - preparations for this meeting**
 - Middleware workshop - AliEn/EDG/VDT representatives
 - Applications Area workshop
- **This is the first week that we could find for an open workshop!**



Goals of the Workshop

Define the ARDA project

- The scope of the distributed analysis requirements that should be addressed
- The scope of a generic middleware component, the approach to implementation target timescales
- Which HEP-specific components should or could be done in common in the LCG Applications Area
e.g. POOL, collections, meta-data, SEAL, ..
- A process for agreeing on the specification of ARDA services - middleware projects, experiments
- The framework for an ARDA implementation project, coordinating -

Middleware ↔ LCG AA ↔ experiment analysis s/w ↔ end-users