



**J. Flix nomination
to co-chair GDB**



Josep Flix [at a glance]



MSc in **ATLAS** Collaboration [1998-2001]

→ Verification of ATLAS Hadronic Calorimeters

PhD in **MAGIC** Collaboration [2001-2006]

→ Camera/Calibration slow Control + Dark Matter searches

Physicist in **CMS** Collaboration [since 2006]

→ Specialized in Distributed Computing

Staff scientist at CIEMAT [Scientific Computing Division]

Physics Associate Professor at Universitat Autònoma de Barcelona



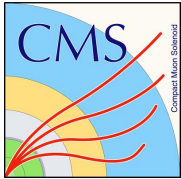
- Spanish WLCG Tier-1 Manager at PIC (www.pic.es) [9000 cores, 10PB disk, 30 PB tape]
 - P.I. for Spanish Tier-1, and a fraction of ATLAS and CMS Tier-2 (65% of WLCG resources in Spain)
- Head of Particle Physics Unit at PIC
- Co-coordinated CMS Computing Operations in LHC Run1
- Co-coordinates CMS Computing Resource Management Office
- Co-coordinates WLCG/HSF Systems Performance and Cost Model WG
- Co-chair of WLCG Operations Coordination
- Represent CMS in GDB and I am member of the GDB Steering Group

Josep Flix [Background experience]



In brief, I have ~15 years experience in WLCG

- Diverse coordination and management experiences within WLCG/HSF, CMS and assistant for the Spanish Ministry of Science, Innovation and Universities
- Successful deployment/operation of a computing infrastructure (Tier-1)
- Technical support, IT Systems Management and computing expert on-call
- Technology transfers to non-LHC scientific applications, in particular for Cosmology, Astrophysics, and Neutrino Physics
- Conference and workshops organization involvements [CHEP, WLCG, HTCondor, HEPIX, ...]
- Enthusiast of scientific and technical dissemination
- Oral contributions to ~100 international conferences, ~75 published proceedings



This experience has brought me (quite) a deep knowledge of LHC computing and their workload management models, and some understanding where to put the efforts to evolve the current models and infrastructures to cope with coming challenges

My vision for the GDB

Provide the forum in which experiments and resource centers discuss, agree and understand priorities which ease operations and facilitates future developments, deployments and integration activities

Maximize the exchange of information and promote technical discussions, by means of dedicated 1-day sessions and creating working groups when needed to address technical issues

Help finding (more) commonalities between LHC and non-LHC experiments, with the aim to be more efficient when deploying new services and/or tools into the system(s) → promoting non-LHC experiments with similar challenges in all of these discussions is a must

Very active period of R&D&i activities. The GDB is instrumental as coordination and technical forum body. *For example:* address the inclusion of opportunistic resources, such as HPC centers, and find better and more coordinated ways to work close to HPC centers (technical/coordination challenge)

→ Happy to work with another colleague, as joint chairs, since there is (lot) of work to do... together with the GDB steering group and continue bringing discussions to Asia and USA

In summary, **continue the good work done by I. Collier** (thanks!), with the aim of making the GDB more global, enhanced, efficient and useful for all of the parties involved