

Proposal for Technology Watch WG

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Technology Watch in the Past

- Was done in an ad-hoc (yet pretty regular) way
 - Many contributions by Bernd Panzer
 - Most contributions from major labs
 - PASTA reports, presentations, ...
- Main purpose: follow trends, better predict costs, optimise investments

Challenges

- LHC Run 4 / phase II and other Big Sciences
- Understanding better where technology and markets go becomes indispensable
- Wide area of topics to be covered in a regular and systematic manner

Proposal (1)

- Significant expertise and interest in many places, not restricted to major labs
- Leverage the expertise and interest to organise a more regular technology watch activity
- Form a working group open to people from all interested experiments and sites

Proposal (2)

- Regular status updates at WLCG etc. workshops, HEPiX workshops, GDBs, ...
- Submissions to CHEP
- Written reports?
 - Perhaps a set of living documents on the Web is more useful

Proposal (3)

- Launch WG now in close collaboration with
 - WLCG Management Board
 - HSF Coordination Team
 - HEPIX Board
- (At least) yearly checkpoints with these bodies
- Strong interaction with benchmarking and cost modelling working groups
- (Provided idea is agreed) If interested, get in touch!