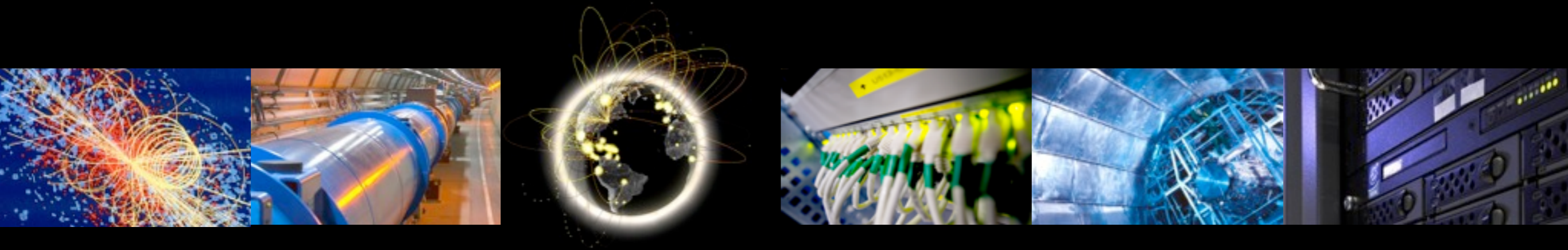# Identity Federation pilot WG

WLCG Grid Deployment Board, 13th March 2013, R. Wartel

Use cases

- Use cases foreseen by the experiments for federated identities
  - Alice: Interested - but would rather the work to focus in priority on the Web use case
  - Atlas: Interested in both CLI and Web use case
  - CMS: No feedback - not interested?
  - LHCb: Interested - in particular in a CLI

EMI STS instance at CERN

- A test EMI STS instance has been installed at CERN.

- It can function either with :
  - A test IdP at HIP that supports the ECP profile
  - The WS-Trust endpoint of the CERN ADFS

- A CLI tool has been made available for everyone to test

- More information is available at https://twiki.cern.ch/twiki/bin/view/LCG/WLCGFedIdPilot

ECP status

- ECP is the standard component need for CLI interaction with IdPs

- Only very few IdPs support it worldwide
  - Extremely difficult to convince hundreds of IdPs to adopt it, especially when only a small fraction of their users would like to use it

- ECP deployment is likely to grow, but this is a long term (years) hope

- Solutions without ECP include significant costs/compromises

Possible options

- Leave the CLI use case for now

  – Focus on the Web use case (incl. attributes)

- Continue investigating a CLI-based pilot

  – Push for an ECP-based pilot, push+wait for adoption (years)

  – Investigate alternative solutions for a CLI (supported by CILogon)

    - Browser interface offering the end user to download a certificate ?

    - A Java webstart client, offering a PEM-formatted certificate that will be downloaded by the client

    - An OAUTH-based (but not yet compliant with OAUTH specs) system, offering the user to get an activation code via the web browser, to be copy/pasted on the CLI

  – Another approach to ECP:

    - Central credential repository: the user has to login with a Web browser (only once a year). Subsequently, a CLI could use this service to get a proxy for the user.