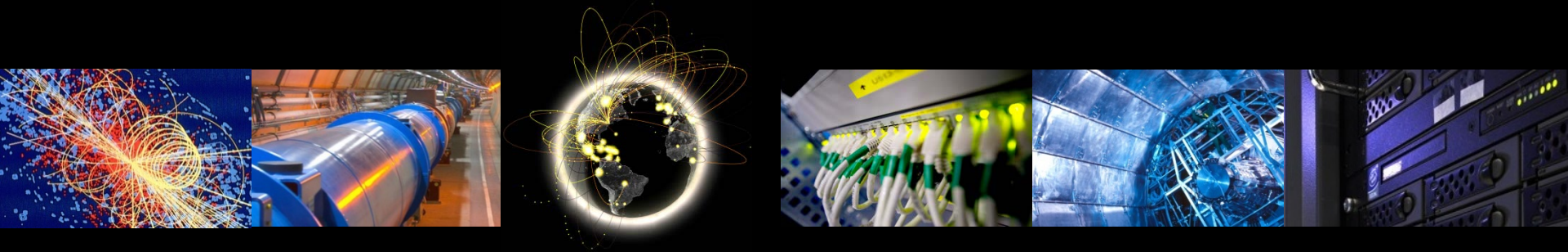


# Singularity update

Vincent BRILLAULT, CERN/EGI-CSIRT

WLCG Traceability and Isolation WG, Feb 2017



# Singularity: Test pilot

- OSG has released Singularity 2.2
  - [http://repo.grid.iu.edu/osg/upcoming/el7/development/x86\\_64/](http://repo.grid.iu.edu/osg/upcoming/el7/development/x86_64/)
  - *“No measurable progress on getting an update into EPEL.”*
- Singularity added to CernVM 4 Beta
  - Thanks Brian!
  - For prod: need separate repo
- Test HTCondor cluster at CERN:
  - 4 Centos 7 worker nodes
  - For prod: how to manage the RPM?

# Singularity: EGI CSIRT?

Question raised at the last EGI CSIRT F2F

- EGI CSIRT members not thrilled with SUID
- The EGI CSIRT cannot do security review
- Sites will have to be convinced individually
  - Recommends external audits
  - Experience from glexec: ...

# Singularity: OSG

- Deployed at 3/7 US CMS Tier-2s
- Integration in GlideinWMS for OSG:
  - Enabled for OSG Staff, but not end-users
  - Debugging started for test workflows
  - OSG is also looking at how to efficiently distribute user-defined images