

Do we need / want a

Global

Universal

Aging

Research &

Development

Facility ?

Why 'global'?

- there will be (most likely) only ONE (cost!)
- it should be open to all users
- it should be supported by users world-wide:
know-how, equipment, staff, money, ...

What does 'universal' mean?

A facility for aging tests of

- prototype detectors
- production detectors (validation)
- basic R&D + systematic studies
- multi-user: capability for parallel tests

What would it take?

- Permanent access to a variety of BEAMS:
sev. X-ray sources, p, n?, nuclei in one place
- Highly developed INFRASTRUCTURE:
ultra-clean gas supplies + gas systems, outgassing setups, ...
- Highly sophisticated ANALYSIS TOOLS:
GCs + MS / ECD, optical + electron microscope, NRA, ...
- large area irradiation + parallel test should be possible
- long-term test possible
- Know-how: staff @ facility

This could in the end create the desired STANDARD

How can we get there?

→ Collaboration, of course!

- Interested people / institutes can contribute know-how, equipment, €, \$, ... to the facility
- → need to contact labs + funding agencies

Can this be the future?

Maybe we will know in 2016...