



# AWI updates – 7905 HPCE

**AWI Meeting 2025-03-03**

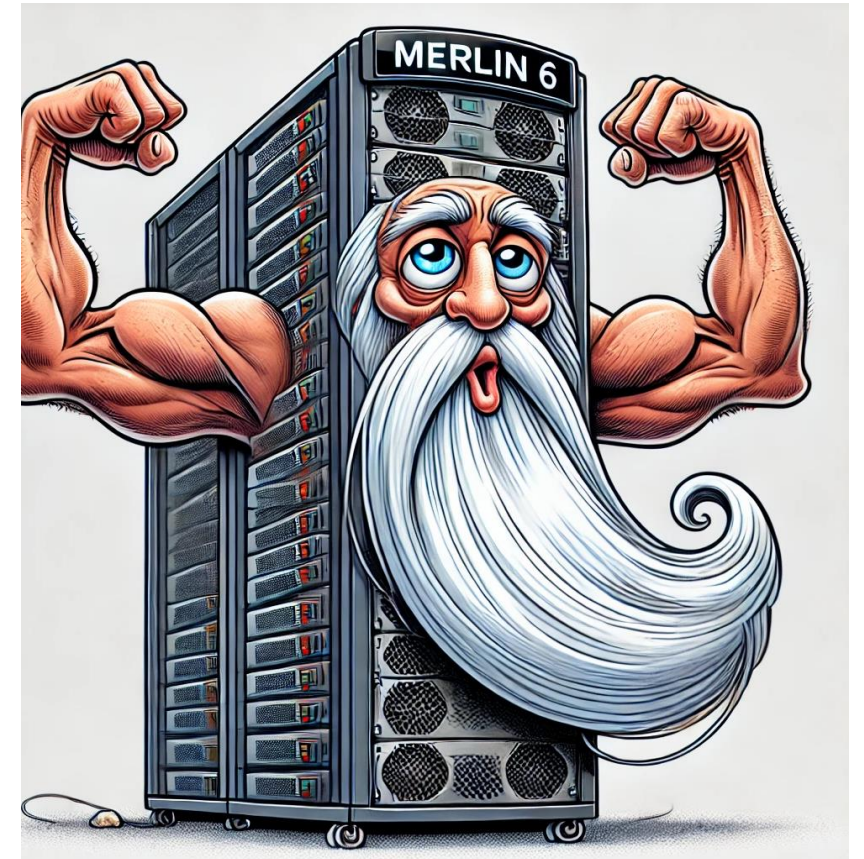
- Derek Feichtinger
- PSI, 3 March 2025



# Merlin6 extension – aging, but still going strong for part of 2025

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- To mitigate the further delays in ALPS and uphold support for essential stakeholder projects (e.g. IMPACT for CNM), we continue to provide Merlin6 for as long as possible this year
  - Depends on available capacity in data center, as SLS2 systems get procured/installed.
  - Requires updating merlin6 to RHEL8 and major update of GPFS appliance version
  - Initial update tests on compute nodes being carried out
  - **HW is aging** (we built Merlin6 in 2019)!



# LHC CMS Computing

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- **PSI Tier-3 cluster**
  - Stays at PSI. Could not be moved to Alps (Decision last Autumn).
  - Procured storage and compute node upgrades. Being installed these weeks
  - Whole system must get upgraded to RHEL9 (parts RHEL8)
  - Upgrades of most services (LDAP, slurm, dCache) and introducing stronger security
- **CSCS Tier-2**
  - CSCS agreed in Nov to build this as an extra cluster (Alps not being ideal for the I/O requirements). Evaluating Architecture proposal within CHIPP.

