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Streamlined and remote access (EURO-LABS Task 2.5.C1)

The streamlined and remote access subtask aims at the improvement of accessibility to the European accelerator facilities. The main goals are:

 improved dissemination of facility characteristics; streamlined proposal submission; unified forms for the supported personal access to the TA experiments and comprehensive database of the TA support usage; minimisation of required access to experimental areas and travel time for on-call experts; fostering of off-site participation (leading to increased training opportunities for early-career scientists, improved inter-institutional knowledge transfer, early problem recognition and timely intervention).

 The status of the remote access activities will be reported. The web-accessed ”remote access toolkit database” (eurolabs-remote.gsi.de) containing information and (where applicable) documentation containing a wide variety of remote-access tools has been developed. The content of the database is based upon the results of a comprehensive survey targeting EURO-LABS research infrastructures that was carried out in early 2023. The technical implementation of some selected remote access features has started. Some examples will be discussed. At PARTREC, an interface that is operated by the beam time user from any (remote) location and that interacts with the irradiation control system only by exchanging text strings over a serial cable has been developed and tested. This form of communication was chosen to minimize security risks to the accelerator and beam line control systems.

Work-package

WP2 - RIs for Nuclear Physics

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