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A Database for data management of superattenuator construction for GW detectors

Data management and storage is of paramount importance in experimental activities to track progress, ensure accuracy and reproducibility of the results. Relational databases offer a reliable solution for keeping track of large amounts of data, media and information related to any components and tools which are present in a physics laboratory. In this talk, we present the database infrastructure we have developed for data management of experimental activities in the Virgo-ET group in Pisa. This infrastructure is a useful tool to track components and measures for suspensions prototypes such as those planned for ET. It is now operative and running online, and can handle multiple projects concurrently.

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