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## **Permanent monitoring of the LHC low beta triplets: latest results and perspectives**

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Since 2008, alignment systems are installed on all LHC low beta triplets. These systems allow the monitoring of the triplets with a micrometric precision through the different phases of installation, commissioning and operation. After a short reminder concerning the configuration of sensors on the triplets, this paper deals with significant results of monitoring on short and long term periods. First conclusions are drawn concerning these alignment systems, their associated mechanical supports and acquisition solutions. As an outlook, the modifications foreseen for the consolidation phase are presented.

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