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P3.031 DONES Central Instrumentation and Control Systems: general overview

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Purpose of this work is to describe the DONES Central Instrumentation and Control System (CICS). A functional definition of the main systems will be given, together with a general overview of the current status of the CICS and the differences with respect to the corresponding system developed during the IFMIF-EVEDA phase. The overall architecture of the Control System, the definition, functions and requirements of the Control System, the identification of Subsystems and equipment, the control system design guidelines, the interfaces and definitions of CICS and other Systems, and the Control Room requirements, will be described. Moreover, the DONES Local Instrumentation and Control System (LICS) will be defined and the relationship between CICS and LICS described.

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Presenter: CAPPELLI, Mauro (FSN ENEA)

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