

MYRRHA Accelerator Controls

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After a short introduction of the MYRRHA project as a whole, this talk focuses on the control aspects of its accelerator. Global control architecture choices and methodologies are presented. The principal challenge of the accelerator for ADS being its beam availability and the absence of beam trips, a number of controls related issues that may ensure the compatibility with the reliability goal are highlighted. The presently ongoing R&D program will strive for representativeness in these matters.

The talk does not provide technical information about the MYRRHA accelerator controls, since at this stage of the project that information is still missing. It rather aims at concentrating on fundamental options that are regarded as highly important for being able to control an ADS-grade accelerator.