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## Machine control and beam diagnostics prospects for the DALI project

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The Dresden Advanced Light Infrastructure (DALI) going to be build at HZDR is a accelerator-driven light source. It combines intense THz radiation, infrared beams, positrons and ultra-fast electron diffraction to a unique source for cutting-edge science.

In this presentation, the DALI machine concept will be introduced. It is used to derive requirements for the machine control and beam diagnostics. Special emphasis is given to MicroTCA based subsystems and how we plan to integrate existing solutions. In that regard, different aspects related to MicroTCA based systems, like software, firmware and board selection, will be discussed.

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