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PLC programming QA

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Common-of-the-shelf industrial PLCs have been integrated on a large scale into many subsystems for accelerators, infrastructure, and detectors as reliable and robust controllers. The use of these systems does, however, introduce a novel set of challenges ranging from security issues to code management. Some events during the run last year indicate that these challenges are not met in a homogenous and adequate manner everywhere.

The presentation will give an overview of what is being done at CERN and how the groups employing PLC's can get help to overcome many known issues.

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