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OR07 - Control tools developed by the ALBA Synchrotron Operators

Tuesday, 12 September 2023 16:00 (30 minutes)

“ALBA is a third generation 3GeV synchrotron light source. As soon as the operation started in 2012, the Accelerator team has required new GUIs and control tools. The amount of work in the Controls group made many of these requests to pile up in the “to do”list. On the other hand, eight operators are in charge of running the accelerator 6000 h/year, leaving 50% of their time to work for different subsystems and participate in development projects. It’s a match.

In this talk we present the different contributions that the accelerator operators have made to the control system (scripts, GUIs, devices...) to improve the operation and the different subsystems. We also focus on the organization between the Control and Operation groups regarding this project, as well as some lessons learned.”

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Session Classification: Controls - The Interface between Operator and Accelerator