

2025-11-14 Operations Workshop Jork

Last modified by Lars Froehlich (/xwiki/bin/view/XWiki/lfroehli) on 2025-11-14 17:01

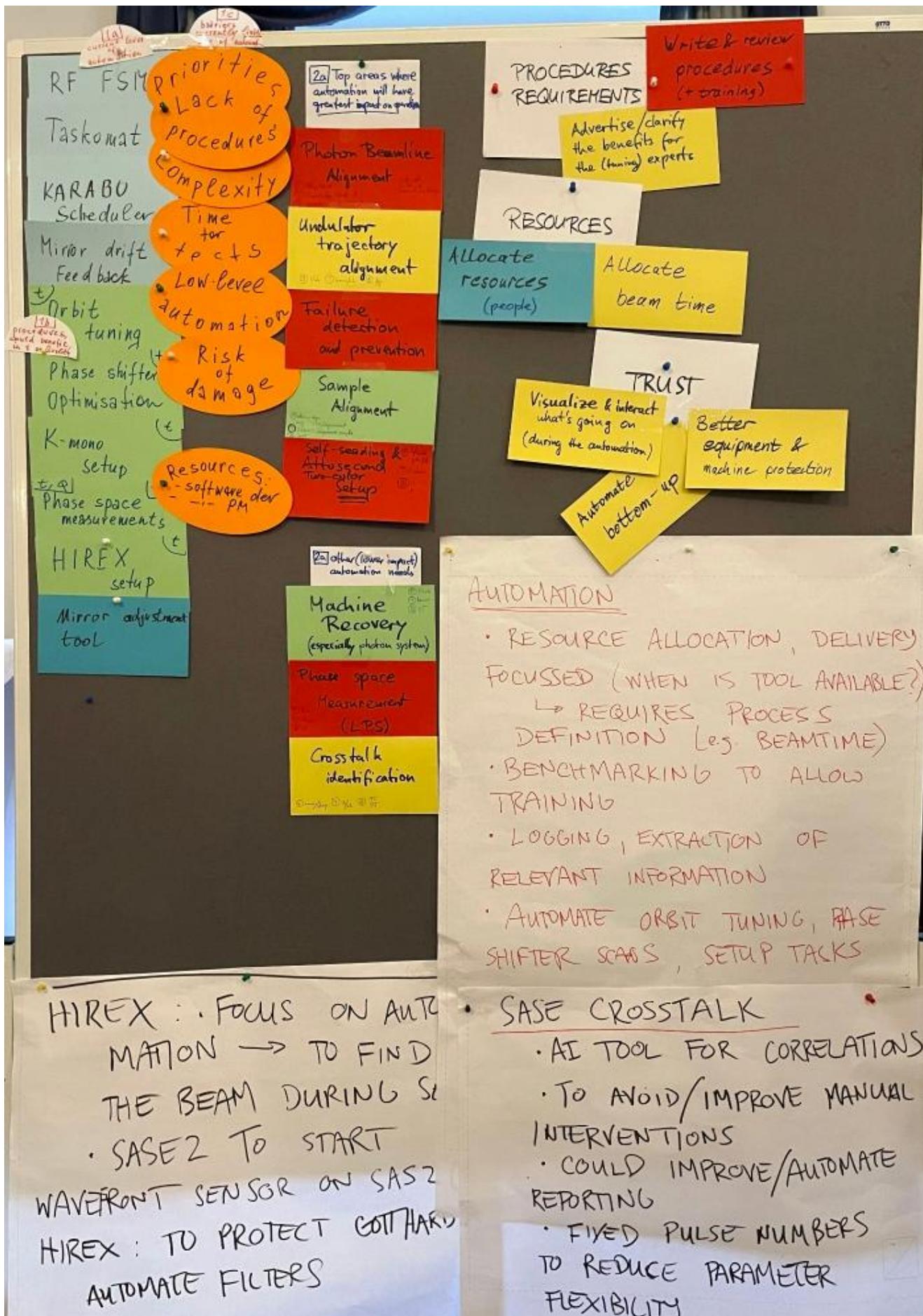
Working group "automation"

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- Peter Zalden

Charge questions

1. Status
 - Assess the current level of automation at machine, photon beamlines and experiments. Where is automation used routinely? Where is automation available but unused, or used only by specialists?
 - Identify current labor-intensive procedures that could benefit from automation. Would the gain rather be in time or quality?
 - Where are the barriers that currently limit the use of automation?
2. Suggestions for improvement
 - List the top five areas where more automation would have the greatest positive impact on operations.
 - List the top five measures that would lower current barriers to automation.

Results



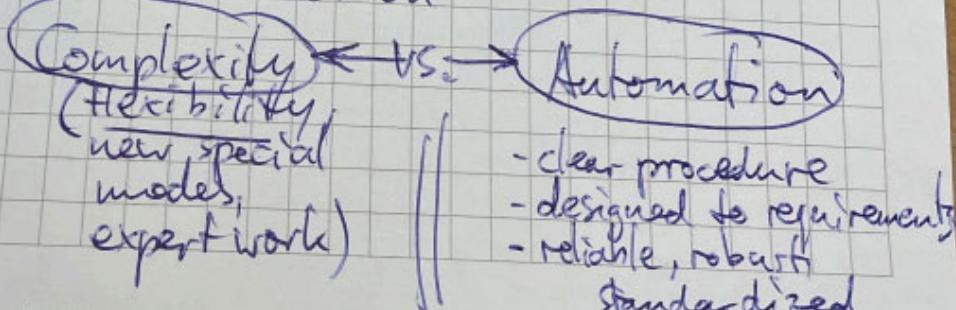


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Questions to automation presentation

- Resources : Automation will lead to more or less people
(Sina)
- Ownerships : expert will not break the system because of their context knowhow and the expert will have to fix it
(Sina)
- Reproducibility is important for automation
(Switzerland)
- Beamline Alignment Automation : there is an ongoing project by the instruments
(Manuel)
- How far in time are we away to inject some procedure document into a large language model (LLM) to perform the task automatically
(Sina)
- Dilemma Discussion on :



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