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PO10 - The LIPAc Operation Logbook: a monitoring and reporting asset for operation supervision

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“Accelerator-based high energy neutron sources are foreseen to characterize the material of future fusion reactors. The Linear IFMIF Prototype Accelerator (LIPAc) is a full-scale prototype aiming at validating the production of a deuteron beam of 125 mA at 9 MeV in continuous wave under the Broader Approach (BA) agreement between Japan and Europe.

Just as an orchestra needs a conductor, LIPAc operation team needs an Operation Supervisor (OS). A dedicated monitoring tool was developed to support the person assigned to this role: the LIPAc Operation Logbook (LOL). This new asset can be summed up as a synthetic and user-friendly ELog (Electronic Logbook) for operation supervision. It centralizes all information and events related to the on-going operation, including objective of the day, assigned operators, beam status, key parameters, alarms, and interlocks.

This poster will show an overview of the LIPAc Operation Logbook, and it will expose how this tool facilitates the monitoring of the operation (for the OS and any operator in the control room or connecting remotely) and the reporting process for the operation supervision (for the OS only).”

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Session Classification: Poster / Demo Sessions