MLZ User Meeting 2024



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Type: Invited talk (30 min + 5 min discussion)

Status of the UCN source at FRM II

Thursday 5 December 2024 13:05 (35 minutes)

At the FRM II a UCN source with a solid deuterium converter and solid hydrogen premoderator, placed in a distance of ~ 60 cm from the central fuel element inside the horizontal, through-going beam tube SR6, is currently under construction. It is supposed to generate UCN densities of 1000 - 10000 UCN per cubic centimeter in up to four connected experiments. This talk will give an overview of the current status of the project and an outlook to further developments and installations.

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