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The MEPHISTO beam port for nuclear and particle physics

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The beam port MEPHISTO at the FRM II is dedicated for mostly long term experiments in the field of nuclear and particle physics. The first planned experiment at MEPHISTO is PERC. The author will present an overview of the parameters of the cold white neutron beam and its experimental area in the new east hall. This is based on the already existing neutron optics components, including the neutron guide. The existing additional equipment (as shielding) awaiting the installation at the reactor within the next year.

Primary author: KLENKE, Jens (FRM II)

Presenter: KLENKE, Jens (FRM II)

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