



Contribution ID: 66

Type: **Poster**

TRISP instrument poster

Friday 9 December 2022 15:30 (1h 30m)

TRISP is currently transferred to the “Neutron Guide Hall East”. A new ballistic neutron guide with elliptic and parabolic sections helps to avoid losses of the neutron flux, although the distance from the reactor increases from 10m to 30m. The ballistic guide also includes a cavity polarizer (length 3.6m) with a good polarization efficiency of ~90% in the wavelength band 1-4 Angström. We will also renew the RF spin flippers, such that the energy resolution is increased by 50%. TRISP will be operational in April 2023.

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Session Classification: Poster Session

Track Classification: Neutron Methods