



Contribution ID: 140

Type: **Poster**

News from the McStas instrument simulation package

Monday 20 March 2023 16:00 (2 hours)

The McStas[1] Monte Carlo ray-tracing package is a well known and widely adapted tool for the design and optimisation of neutron instrumentation world wide.

The contribution presents an overview of the project in its current state with highlight on new features in the 3.2 and 2.7.2 releases from the fall of 2022.

Further the contribution demonstrates how to easily port an existing 2.x instrument to the 3.x range which has support for NVIDIA GPU processors.

[1] Willendrup and Lefmann, Journal of Neutron Research 22, 1 (2020) and 23, 7 (2021).

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Session Classification: Poster Session MONDAY

Track Classification: Neutron Instrumentation, Optics, Sample Environment, Detectors, and Software