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ROOT and NASA

Friday 18 September 2015 14:00 (20 minutes)

ROOT as an analysis framework is heavily rooted within the Space Radiation Analysis Group (SRAG) at NASA Johnson Space Center. It is extensively used in physics analyses using theoretical models as well as raw-data processing and data-analysis from detectors on-board the International Space Station and future exploration missions.

SRAG's ROOT frameworks span both the C++ and Python implementations as well as the 5.X and 6.X branches. The presentation will address the ways that ROOT is used in the context of data-analysis; common workflows and challenges will also be described.

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