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LoKi: C++ ToolKit for Smart and Friendly Physics Analysis

Introduction

LoKi is a package for the simple and user-friendly data analysis. LoKi is based on Gaudi architecture [\[1\]](#). The current functionality of LoKi includes the selection of particles, manipulation with predefined kinematical expressions, loops over combinations of selected particles, creation of composite particles from various combinations of particles, flexible manipulation with various kinematical constraints and access to Monte Carlo truth information.

Documentation

- [LoKi pages](#) [\[2\]](#) by Lena Mayatskaya
- [LoKi Savannah portal](#) [\[3\]](#)
- [LoKi User Guide & LoKi Reference Manual](#)
- [LoKi mailing list and mail-list archive](#) [\[4\]](#)
- [LoKi F.A.Q](#)
- [Tutorial: Getting started with LoKi](#)
- [Commonly used LoKi::Hybrid::Filters.](#)

-- Vanya Belyaev - 21 Jul 2007

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