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New Package for RooFit Supporting Dalitz Analysis: RooAmplitudes ^[1]

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The project succeeded to create working, readable, and well documented classes in C++ that can be implemented as extensions of the RooFit library to provide support for complex-valued amplitudes, particularly Breit-Wigner amplitudes, and also to provide functions useful for Dalitz analysis. The code was tested using simple models.

Technical document file:

 [Grace Young.pdf](#) ^[2]

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supporting-dalitz-analysis-rooamplitudes

Links

[1] http://test-static-05.web.cern.ch/publications/technical_documents/new-package-roofit-supporting-dalitz-analysis-rooamplitudes

[2] http://test-static-05.web.cern.ch/sites/test-static-05.web.cern.ch/files/technical_documents/Grace%20Young.pdf