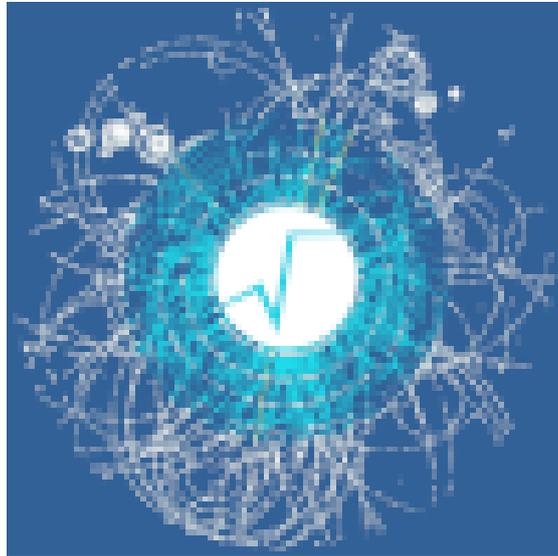


RooFit Workshop 2024



Report of Contributions

Contribution ID: 1

Type: **not specified**

xRooFit: Newest Features and Future Plans

Thursday 11 April 2024 11:15 (30 minutes)

A 15 minute presentation to introduce xRooFit for those who haven't encountered it yet, highlight a few of the newer features and capabilities that have been added, and share thoughts on future plans for the API.

Primary author: BUTTINGER, Will (Science and Technology Facilities Council STFC (GB))

Presenter: BUTTINGER, Will (Science and Technology Facilities Council STFC (GB))

Contribution ID: 3

Type: **not specified**

Introduction

Thursday 11 April 2024 10:30 (15 minutes)

Presenter: REMBSER, Jonas (CERN)

Contribution ID: 4

Type: **not specified**

Recent RooFit developments in detail

Thursday 11 April 2024 10:45 (30 minutes)

Presenter: REMBSER, Jonas (CERN)

Contribution ID: 5

Type: **not specified**

Automatic differentiation in RooFit with Clad

Thursday 11 April 2024 14:00 (30 minutes)

Primary author: REMBSER, Jonas (CERN)

Presenter: THAKKAR, Vaibhav (Princeton University (US))

Contribution ID: 7

Type: **not specified**

RooFit in the ATLAS Top group

Friday 12 April 2024 10:00 (30 minutes)

Presenter: DADO, Tomas (CERN)

Contribution ID: **8**

Type: **not specified**

RooFit in LHCb

Friday 12 April 2024 10:30 (30 minutes)

Presenter: GOODING, Jamie (Technische Universitaet Dortmund (DE))

Contribution ID: 9

Type: **not specified**

RooFit multiprocessing

Thursday 11 April 2024 11:45 (30 minutes)

Presenters: Dr BOS, Patrick (Nikhef National institute for subatomic physics (NL)); VERKERKE, Wouter (Nikhef National institute for subatomic physics (NL)); WOLFFS, Zef

Contribution ID: **10**

Type: **not specified**

Statistical analysis documentation project

Friday 12 April 2024 11:30 (30 minutes)

Presenter: CROFT, Vincent Alexander (Nikhef National institute for subatomic physics (NL))

Contribution ID: **11**

Type: **not specified**

New developments in Minuit 2

Thursday 11 April 2024 14:30 (30 minutes)

Presenter: MONETA, Lorenzo (CERN)

Contribution ID: 12

Type: **not specified**

RooFit in CMS with Higgs Combine

Friday 12 April 2024 11:00 (30 minutes)

Presenter: LANGFORD, Jonathon Mark (Imperial College (GB))

Contribution ID: 13

Type: **not specified**

Further user presentation (TBC)

Contribution ID: 14

Type: **not specified**

Likelihood serialization with HS3

Friday 12 April 2024 14:00 (30 minutes)

Presenter: REMBSER, Jonas (CERN)

Contribution ID: 15

Type: **not specified**

RooFit future directions

Friday 12 April 2024 14:30 (30 minutes)

Presenter: REMBSER, Jonas (CERN)