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ROOT Tutorial at IRMM - Geel, Belgium 25th February - 1st March 2013

Topics

This tutorial aims to provide a solid base to efficiently analyse data with ROOT. After an introduction to the C++ programming language, the main features of the ROOT toolkit are characterised: from histogramming to advanced fitting techniques.

Material for the course

The slides of the lectures will be made available as hands-outs and in electronic form. In addition, a "Diving into ROOT: a ROOT Guide for Beginners" will be distributed to the participants (in electronic form [Guide](#) [Examples](#)). This guide is a valuable support for the course: the basics of ROOT are discussed and simple examples are provided.

Program

Monday February 25th: Introduction

Morning	Introduction to ROOT	Slides
Morning	Start Using ROOT	Slides Exercises
Afternoon	Introduction to the C++ Programming Language	Slides Exercises

Tuesday February 26th: Histograms and Fitting

Morning	Working with Histograms	Slides Exercises
Afternoon	Fitting in ROOT	Slides Exercises

Wednesday February 27th: Trees and I/O

Full Day	Introduction to ROOT I/O and Trees	Slides Exercises
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Thursday February 28th: Working with IRMM Examples

Full Day	IRMM Data Examples	Exercises
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Friday March 1st: RooFit and Conclusions

Morning	Introduction to RooFit	Slides Exercises
Afternoon	Introduction to Proof	Slides Example

This topic: Main > Root IRMM Tutorial 2013

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