

Introduction

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30.03.2015 / HistFitter tutorial @ DESY

Welcome to the HistFitter tutorial @ DESY!

This is first HistFitter tutorial also open to people outside the ATLAS collaboration!

→ The tutorial follows the internal ATLAS tutorial as closely as possible, only at few points we needed to remove a little internal ATLAS information. (ATLAS members just follow the usual tutorial.)

Structure

- **First day:**

- ▶ Few talks: introduction to statistics tools and HistFitter - to set the scene.
- ▶ Get started with HistFitter, simple fits and presentations techniques (Monday morning)
- ▶ Limit calculation and contour plots (Monday afternoon)
- ▶ Reception (evening)

- **Second day:**

- ▶ Advanced topics as debugging of fits, modifying configurations of upper limit calculations, systematic uncertainties... (Tuesday morning)
- ▶ Advanced topics, overflow time + discussion session (Tuesday afternoon)

If you have specific projects on which you want to have our advice or have more detailed questions - this is the time to ask them. When you would let us know today about any questions or problems you have, we would also be happy to address them in a presentation during that time.

Have fun with the tutorial and we hope to have a lively discussion!