

**Dr. Mindaugas Šarpis**

# **Lessons on Data Analysis from CERN**

## **Lecture 1**

**Course orientation and motivation**

# Course structure

- **Lectures**

- **Theory / Overviews**

- Main goal is exposure

- **Discussion**

- Building intuition. Interactivity is important

- **Seminars**

- **Demos**
- **Hands on Sessions**
- **Case Studies**

**\*Seminar / Lecture ratio may change depending on the topic and demand Please follow communication by coordinators.**

# Grading Structure

- **2 x 20% Quiz**
- **1 x 60% Final Project**

**\*Project can be presented at any stage during the course or at the end**

**\*\*Students are graded according to their previous expertise. One should be able to explain what they did, how and why.**

## **Main goals:**

- **Build intuition for good practices**
- **Be aware of a plethora of available free tools**
- **Build competences in relevant areas**
- **Use what you have learned for your own projects**

<del>September 3rd.</del> (CERN)	September 10th
<del>September 17th</del> (CERN)	September 24th
October 1st	October 8th
October 15th	<del>October 22nd</del> (CHEP)
October 29th	November 5th
November 12th	November 19th
November 26th	December 3rd
December 10th	December 17th
<del>December 24th</del> (Christmas)	

# Intro to CERN