



Contribution ID: 119

Type: **Lecture**

## **Data Analysis L4: Hypothesis testing and p-value**

*Friday, September 9, 2022 2:00 PM (1 hour)*

We will learn about the hypothesis testing procedure and all of its key concepts. We will discuss how to choose a critical region and learn about errors of first and second kind. We will learn the importance of a blinded analysis and understand all the needed steps before looking at the data. Finally, we will discuss when can we announce a discovery in science and the concept of a p-value.

### **Summary**

**Presenter:** SCULAC, Toni (University of Split)

**Track Classification:** Physics Computing