Introduction to Labview

JORDI ANDILLA

March 07, 2022 to March 14, 2022
09:30 to 13:30
Yellow Lecture Room (247)

Labview is a powerful tool to interface instruments, automatize processes and in-place analysis. Many instruments provide drivers and controllers based in this platform. This fact and the programing interface (based in G programming) allow an increase in the efficiency of the development and maintenance of applications for science and engineering. In this course we will introduce the basics of Labview programming, its interface and the basis of good programming practices. The aim of the course is to provide the attendants a stable starting point to develop Labview readable, reusable and scalable applications in an efficient way.
Dates: March 7th and 14th, from 09:30 - 13:3
Target Group:
? PhD Students, Post-doctoral researchers and Research Enginee
s Priority will be given to PhD students and to those Researchers who needs to use Labview f
r their research projec
Available places: 10
Requirements:

Basic knowledge in programming is needed for this introductory course
Interest in instrumentation control and analysis is required to properly integrate the concepts of the course

Training content:
Main topics:

Instrumentation and analysis programming introduction
Good practice sin programming
Labview IDE introduction
Data Flow programming introduction
Labview programming elements
Errors
Cases and events
Modularity
Data acquisition examples

Trainer: Dr. Jordi Andilla

Jordi is an ICFO SLN Engineer

Hosted by: Academic Affairs