Introduction to Labview

JORDI ANDILLA

November 07, 2022 to November 10, 2022
09:30 to 13:30
Yellow Lecture Room (YLR)

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:

November 7, 09:30 - 13:30
November 9, 14 - 18
November 10, 09:30 -13:30

Venue: Yellow Lecture Room (YLR)
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

ICFO

Errors

Cases and events

Modularity

Data acquisition examples

Trainer: Dr. Jordi Andilla, ICFO SLN Engineer

How to register for this course: Please, fill in the registration form register here by Octobe 14

Hosted by: Academic Affairs