Introduction to Labview

JORDI ANDILLA

June 07, 2024 to June 12, 2024
09:30 to 13:30
Yellow Lecture Room

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: June 7, **10** & **12** from **9:30** to **13:30** at ICFO Yellow Lecture room.?
Target audience: PhD students, Postdoctoral researchers and Research engineers
Available places: 10

Trainer: Dr. Jordi Andilla
Jordi has been a software engineer at Penelope Integrated Textile Solutions since 2023. Prior to this role, he accumulated over 11 years of experience as an R&D Engineer at ICFO in the SLN research facility.
Training content:

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

Requirements:

A basic knowledge in programming is needed for this introductory course
An interest in instrumentation control and analysis is required to properly integrate the

ICFO

concepts of the course

Hosted by: Academic Affairs