INTRODUCTION TO LABVIEW

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November 24, 2025 to November 28, 2025
14:00 to 18:00
ICFO 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 and Venue: 24th, 26th of November, from 14:00-18:0
and 28th of November, from 9:30-13:30
Target Group: PhD Students and Post-doctoral researche
s Priority will be given to researchers working with Labview license and PhD student
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:?

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

Hosted by: Academic Affairs