ICFO

PLUS+ TRAINING PROGRAM: Introduction to Labview

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November 17, 2021 to November 19, 2021
09:30 to 13:30
Seminar 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 sand 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.

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

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 concepts of the course

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All those of you interested in attending this course should register here by November 8
Please, note that here are only 10 slots available for this course.
Priority will be given to PhD students, otherwise the course will be filled on a first-come first-served basis.

After receiving the confirmation of your participation to the course, IT Unit will give you detailed information of how to be connected.

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Hosted by: Academic Affairs