

**Course proposal for
DOTTORATO DI RICERCA IN FISICA**

Course	FPGA programming with LabVIEW
Lecturer	Giuseppe Tagliente
Hours	16
Period	September - October
Summary	The purpose of the course is to broaden the knowledge of LabVIEW to program the field-programmable gate array (FPGA). A knowledge of LabVIEW is required
Program	Lesson 1. Concepts of FPGA Lesson 2. Programming FPGA with LabVIEW Lesson 3. Applications of FPGAs Lesson 4. Laboratory, implementation of a code to control a DAC
Recommended books	Material will be provided
Final test	The students have to present a code based on FPGA