

## INFN Torino Electronics Service

*Thursday, 9 November 2017 15:15 (25 minutes)*

Electronics Service of the Turin section of INFN (Electronics Laboratory) fulfills all the requests made by different physics research groups providing both design, systems realization and test capabilities of discrete electronics and microelectronics devices.

Design activities range from the very front-end electronics to the development of full read-out and data acquisition systems.

Microelectronics design is one of the main activity of the Laboratory for the development of full-custom ASICs circuits. The team of IC designers has a long experience in analogue, mixed-mode or digital IC design.

In addition the Electronics Laboratory provides design capabilities oriented to the implementation of Printed Circuit Boards (PCBs) and to digital programming techniques using Field Programmable Gate Arrays (FPGAs). This presentation gives a very short overview of all this activities, focusing on relevant projects and recent developments.

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