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## **Excellence in Detectors and Instrumentation Technologies: Network Project**

Today HEP projects are extraordinary complex and require long term investment for the conception and construction phases. Students entering the world of Fundamental Physics after these phases will rarely have the opportunity to make a detector functioning, debug it, understand its fundamental properties, features and limits.

To contain the decline of experience and expertise in instrumentation among young experimentalists, it is very important to sponsored regular Instrumentation Schools that cover the extremely advanced detectors techniques used in HEP experiments.

This contribution describes a European Network Project of Schools of Excellence in Instrumentation to be submitted to the European Commission within the EU Framework Programme for Research and Innovation: Horizon2020.

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