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Instrumentation RD and technology transfer of the HEP experimental group of the ICC-UB

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The High Energy Physics Group (HEPG), from the Institute of Cosmos Sciences and the Department of Structure and Constituents of Matter holds expertise in the design and testing of low noise and high speed acquisition systems for scientific instrumentation and medical imaging, as well as for satellite and space missions instrumentation. The group has more than ten years of experience in the design of radiation-tolerant Application-Specific Integrated Circuits (ASICs) that have been used on a large scale at large international scientific facilities like CERN. Recently, several technology transfer projects with industry have started. We will present the knowledge and resources of the group and discuss present and possible collaborations with industry.

Summary

Oral or poster presentation

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