The Department of Particle Physics at the CEA/Saclay/IRFU is currently seeking a talented and highly qualified postdoctoral researcher to work on the CMS experiment on a fixed-term contract of 2 years in length.

The successful candidate will join the CMS group of the Department which effort is focused on, but not limited to, the exploration of the scalar sector of the Standard Model via the study of Higgs boson decays into diphoton channel and search for New Physics in variety of exotica models.

The CMS-Saclay group also have significant involvement and responsibilities in the ECAL project, its operation and upgrades.

The successful candidate will take a leading role in the HGCAL forward calorimeter upgrade project of the CMS experiment.

The candidate is expected to contribute to the design and development of the precise clock distribution system for the fast timing determination as well as to the jet trigger algorithm for its further implementation at FPGA level together with CEA engineers.

The contract is fixed-term and is expected to start in Fall 2018. The post will be based at Saclay with opportunities to visit CERN regularly.

Informal enquiries about this post may be made to:

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