



**Laboratório de Instrumentação e
Física Experimental de Partículas**

LIP Seminar

Thursday, 1st of April, 11h30

The Hyper-Kamiokande Experiment

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Hyper-Kamiokande is a next generation neutrino experiment with a wide physics programme including neutrino CP-violation measurements, proton decay searches and a programme of measurement for atmospheric, solar and supernova neutrinos. The experiment consists of a new water Cherenkov detector with a fiducial mass approximately 8 times that of Super-K, an upgraded JPARC neutrino beamline and improved near detector systems. The project is now funded in Japan and is expected to start data collection in 2027. In this seminar I will review the latest status of the experiment and the Hyper-Kamiokande physics programme.

Location: Videoconference - Zoom

<https://indico.lip.pt/event/895/>

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