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Perspective to search for dark components in the Universe with coherent photon collisions

Wednesday, 5 June 2019 13:30 (45 minutes)

We will discuss possibilities to directly produce sub-eV to keV pseudo Nambu-Goldstone bosons with stimulated photon-photon collider experiments. Especially, we focus on whether we can reach gravitationally weak coupling domains in laboratory experiments so that the probed pNGBs can be natural candidates for dark components in the Universe.

Presenter: KENSUKE HOMMA

Session Classification: JHW