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Connecting Neutrinos, Majorons and Dark Matter

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Some theoretical models considering heavy neutrinos have postulated a Goldstone known as the Majoron as a viable dark matter candidate. Our study shows the possibility to detect a Majoron in current and future experiments, considering its lifetime close to the age of the universe, and including existing experimental constrains.

Presenter: FLOREZ BUSTOS, Carlos Andres (Universidad de los Andes (CO))