

# Workshop on Xenon Detector $0\nu\beta\beta$ Searches: Steps Towards the Kilotonne Scale

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## **$^3\text{He}$ Neutron Capture in xenon gas experiments**

*Thursday, 26 October 2023 17:03 (7 minutes)*

Helium 3 has a high neutron capture cross section and adding it to xenon can mitigate  $\text{Xe}^{136}$  to  $\text{Xe}^{137}$  capture which decays in our region of interest.

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**Session Classification:** Session 1/1