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Investigation of WLS techniques for the LAr-detector in the COHERENT experiment

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Liquid Argon (LAr) is a well-known scintillator widely used for different experiments. It is also used as a working medium in the detector CENNS-10 which is one of the detectors within the COHERENT experiment. Wavelength of LAr scintillation is very low (128 nm) and wavelength shifters (WLS) are required to collect the scintillation light. Investigations of different WLS types and technologies for the detector CENNS-10 will be presented.

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