

Bremsstrahlung on solar neutrino detection at SuperChooz

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In the different neutrino experiments, especially those of long-line baseline, the identification and subsequent reconstruction of the events has been a problem due to the lack of high-resolution detectors, which implies that it is difficult to differentiate between processes with similar topologies. The LiquidO project proposes an opaque scintillating liquid that confines light and allows for high sensitivity when identifying interaction processes at both high and low energies. The idea of this talk is to show a quick review of LiquidO technology and its implementation in the future SuperChooz neutrino detector.

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