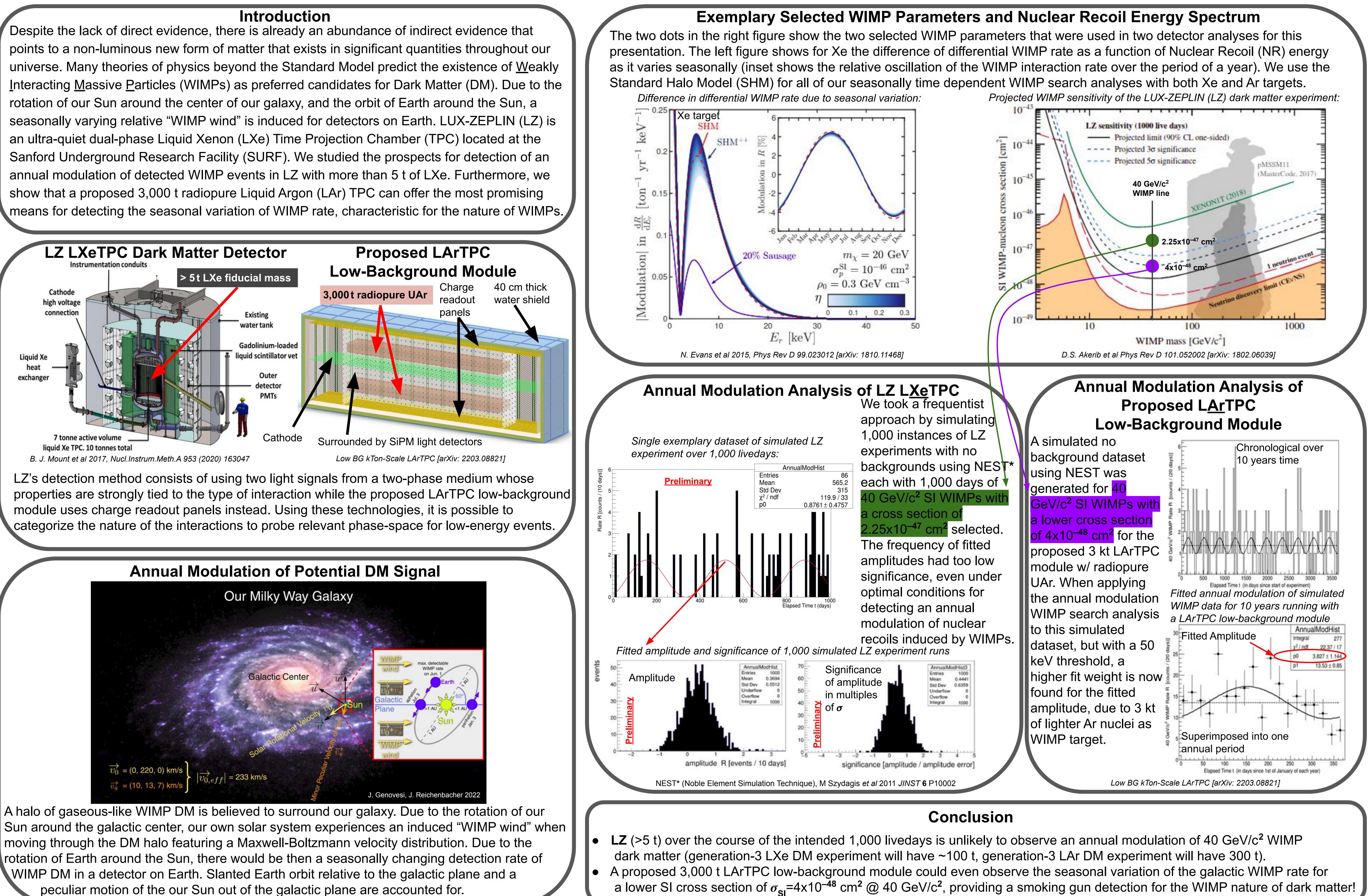
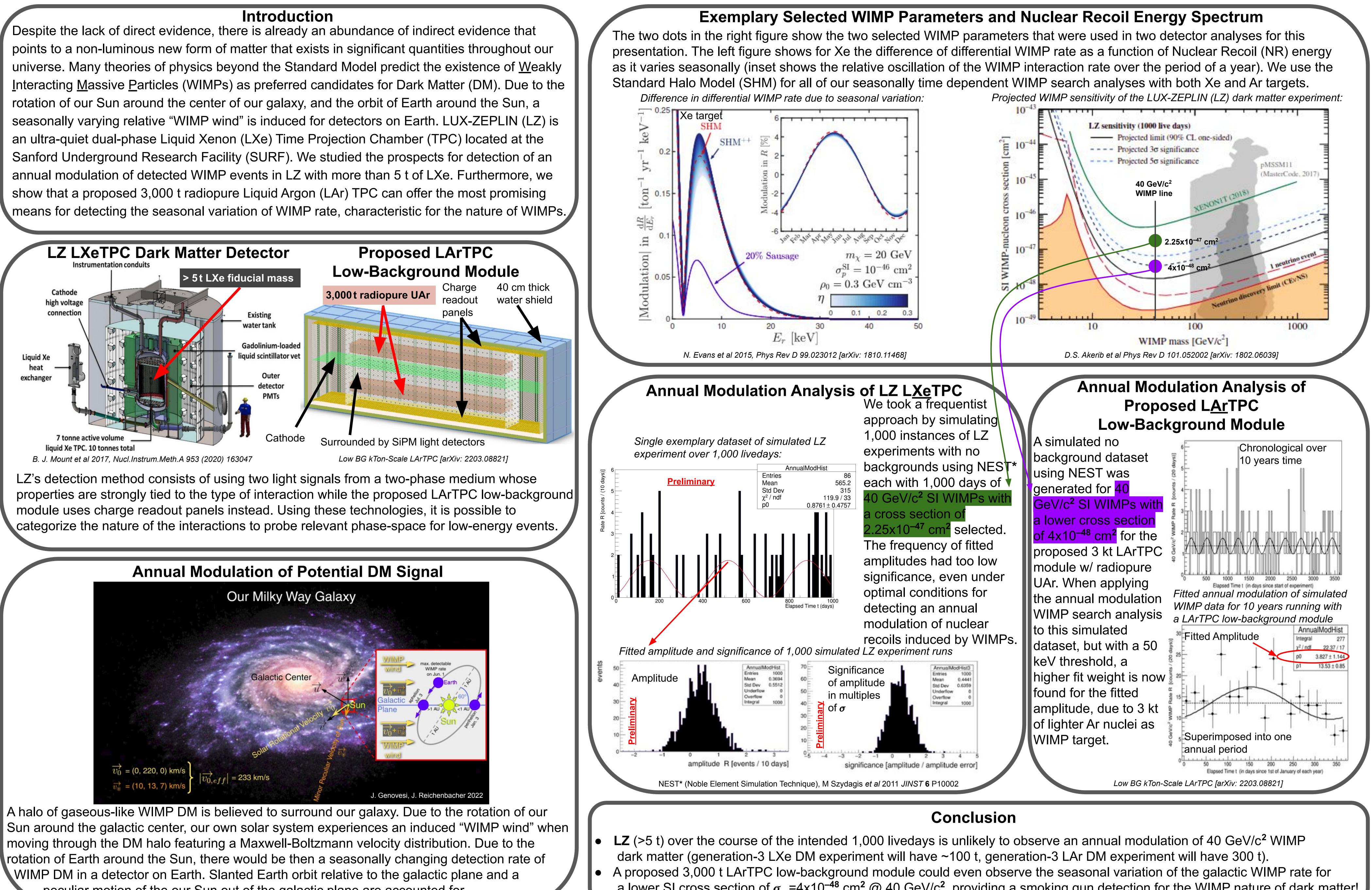


Seasonal Variation of Dark Matter Signals in the LZ Experiment and for a Proposed LArTPC Low-Background Module at Sanford Lab

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a lower SI cross section of σ_{sl} =4x10⁻⁴⁸ cm² @ 40 GeV/c², providing a smoking gun detection for the WIMP nature of dark matter!



