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## New physics in rare neutrino scattering

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Rare and unique neutrino scattering processes can serve as an ideal tool in the search for new physics. In this context, I will present the sensitivity of the DUNE near detector to leptophilic  $Z'$  models, using neutrino-electron and neutrino trident scattering. I will conclude illustrating how similar signatures can also arise in more exotic models and motivating the need for a program to measure multi-lepton final states in current and future neutrino facilities.

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