Reaction theory for studying rare isotopes: The missing piece of the puzzle

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Studying nuclei far from stability contributes to answering fundamental questions in nuclear structure while also having relevance to astrophysics. Nuclear reactions offer the most diverse tool to perform these studies. However the extraction of the desired information from reaction data requires a reliable description of the reaction itself. What can we really learn from reaction studies? Do we control the uncertainties? What are the missing pieces of the puzzle?

Host: Mark Caprio