

Abstract Submitted
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The search for triggered decay of metastable isomers DAVID GOHLKE, Youngstown State University — Some nuclear excited states can achieve astounding lifetimes, storing significant amounts of energy for long times. These metastable isomers are of great interest from a purely scientific perspective and have been suggested as potentially supporting various applications. The interaction of externally-produced radiation with isomeric nuclei may provide a means of inducing a release of the stored energy upon demand. This poster will discuss experimental planning for studies of energy-releasing reactions with real photons on ^{121m}Sn and ^{166m}Ho .

David Gohlke
Youngstown State University

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