

# Proton Decay Rates and Nuclear Structure

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The dramatic increase in the number of known proton emitters has provided a rich source of nuclear structure information over extended regions of the proton drip-line. In particular, proton decay rates are revealing the influence of shell structure and nuclear shapes. These decay studies are now being complemented by in-beam gamma-ray studies using the Recoil Decay Tagging method. This talk will give a broad outline of the recent progress made in these areas.