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Abstract for an Invited Paper
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The role of morphological quenching in galaxy transformation.

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Morphological quenching posits that galaxies might cease star formation based upon galaxy structural properties instead of any dramatic evolutionary processes such as galaxy-galaxy mergers or feedback from an active galactic nucleus. In particular, morphological quenching is invoked to explain the observed lower star formation efficiencies of cold-gas hosting, bulge-dominated galaxies. This talk will summarize the physics behind morphological quenching as well as evidence of morphological quenching of galaxies at both low and high redshift.