

# ROCKSTAR: Towards a Roadmap of the Crucial measurements of Key observables in Strangeness reactions for neutron sTARs equation of state

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## Baryon Structure and the QMC model for Nuclear Structure

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We review new insights into baryon structure in relation to the quark model. These insights into baryon structure and its potential for modification in a nuclear medium are then used to motivate the derivation of an energy density functional in the quark meson coupling model. Recent results for nuclear structure obtained in this approach will be presented.

**Primary author:** Prof. THOMAS, Anthony (University of Adelaide)

**Presenter:** Prof. THOMAS, Anthony (University of Adelaide)

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