

Bridging Stellar and Nuclear Physics: from a stellar modeller's point of view

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Galaxies are powered primarily by the release of nuclear energy in stars. The stellar nucleosynthesis governs the stellar luminosity, lifetime, and element productions. These stellar products, in turn, shape the stellar populations and chemical evolution of galaxies across cosmic time at different redshifts. This talk bridges the nuclear physics to stellar and galaxy evolution, highlighting the key nuclear processes that drive stellar life cycles from a stellar modeller's perspective.

Collaboration (if any)

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