

Three flavors in a triangle

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As for strong condensed matter, normal nuclei are 2-flavored (u, d), but what if matter is squeezed so great that nuclei come in close contact to form giant strong matter? The latter could be 3-flavored (u, d, s) because of leptonic asymmetry (i.e., electron and positron), since both the strong and the weak interactions play an important role there. Therefore, one should focus on three flavors to discuss the nature of strong matter, both small and giant, taking advantage of a triangle diagram as explained this presentation.

Primary author: XU, Renxin (School of Physics, Peking University)

Presenter: XU, Renxin (School of Physics, Peking University)

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