IWARA2018 - 8th International Workshop on Astronomy and Relativistic Astrophysics

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Nucleus 3-flavored

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Normal nuclei inside atoms are 2-flavored. What if normal baryonic matter is compressed intensely by gravity so that a huge number of nuclei would gradually merge to form a gigantic nucleus? It is proposed that gigantic nuclei could be 3-flavored, to be manifested in the form of compact stars, cosmic rays, and even dark matter.

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