

# Emulating neutron stars with dipolar supersolids

*Friday, October 11, 2024 11:40 AM (20 minutes)*

In physics, analogies are extremely powerful tools. They give the opportunity to look at physical phenomena from different perspectives, favoring connections between very disparate research fields. In a recent work, we established an intriguing analogy between the inner crust of neutron stars and ultracold dipolar supersolids and used it to investigate the anomalies in the rotation frequency of neutron stars, known as glitches.

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