

PHAROS Conference 2020: The multi-messenger physics and astrophysics of neutron stars



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Repeating FRBs from Low-twist Magnetars

I will discuss our recently-published magnetospheric model for repeating FRBs generated during short bursts in magnetars with low-twist magnetospheres. I will detail current observational evidence supporting the model. Some theoretical and heuristic expectations of phenomenology will be discussed. Finally, I will detail how the model may be tested in the future, as well as implications of what could be learned from FRBs if the model is correct.

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