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Probing hadron-quark phase transition in inspiralling neutron stars

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The discovery of GW170817 has significantly advanced our understanding of the high-density equation of state. In this poster, I will showcase our recent studies that involve constraining the hadron-quark phase transition using both the existing GW170817 data and future GW observations. The discussion will encompass the constraints derived not only from quasi-equilibrium tides, but also from dynamic tides.

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