Contribution ID: **51** Type: **Talk**

Hearing the strength of gravity (with the Sun)

Tuesday, January 14, 2020 4:30 PM (15 minutes)

Generic extensions of General Relativity aiming to explain dark energy typically introduce fifth forces of gravitational origin. In this talk, I will explain how helioseismic observations can provide a powerful and novel tool towards precision constraints of fifth forces, as predicted by general theories for dark energy, and I will discuss the implications for cosmology.

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