

Abstract Submitted  
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**Preparing for LISA in the Gravitational Wave Era** SHANE LARSON, Northwestern/Adler — Before the end of the decade, both LIGO and Pulsar Timing Arrays are expected to make the first detections of gravitational waves, and in all likelihood will have started the compilation of the first gravitational wave catalogs. Both LIGO and Pulsar Timing Arrays observe source populations that radiate in the LISA band at other points in their evolutionary history. In this talk, we'll discuss how early detections of supermassive black hole binaries (by PTAs) and ultra-compact binary mergers (by LIGO) will be important players in understanding the scope of LISA science.

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