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Searching for Nanohertz Gravitational Waves Using Pulsars

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Millisecond radio pulsars (MSPs) exhibit tremendous rotational stability and therefore provide a means to detect gravitational waves passing near the Earth. Three collaborations are using the world's largest radio telescopes to observe arrays of MSPs with the goal of making such a detection. This talk will review the expected gravitational-wave sources, the methodology and the future prospects of this experiment.

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