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Abstract for an Invited Paper for the APR11 Meeting of the American Physical Society

The Einstein@Home search for new neutron stars

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Einstein@Home is a volunteer distributed computing project with more than a quarter-million participants. I will describe the current status of its search for new neutron stars, using data from radio telescopes and gravitational wave observatories. I will also talk about the first Einstein@Home discoveries, of new radio pulsars found in data from the Arecibo Observatory.