

Abstract Submitted  
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**Magnetized Neutron Stars** STEVEN LIEBLING, Long Island University, MATTHEW ANDERSON, ERIC HIRSCHMANN, Brigham Young University, LUIS LEHNER, PATRICK MOTL, Louisiana State University, DAVID NEILSEN, Brigham Young University, CARLOS PALENZUELA, Albert Einstein Institute, JOEL TOHLINE, Louisiana State University — Magnetized neutron stars, whether considered individually or within compact binary systems, demonstrate a number of interesting dynamical effects. Using a distributed adaptive mesh refinement (AMR) code, we evolve such stars and study their dynamics.

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