NEWS RELEASE

North Olympic Library System
2210 South Peabody Street
Port Angeles, WA 98362

FOR IMMEDIATE RELEASE

Date: April 2, 2024
Contact: Adrienne Langan, Librarian
360.417.8500 x7752; ALangan@nols.org
Re: Science Talk: Gravitational Waves with LIGO on April 15
Attached: *LIGO_StarBlackHole_CarlKnox.jpg*

LIGO Hanford Observatory science educator Cassidy Eassa will give a talk about Einstein's gravity, general relativity, warped space-time, gravitational waves and the use of interferometers in their detection. The free presentation is offered by the North Olympic Library System (NOLS) on Monday, April 15, from 6-7 p.m. at the Port Angeles Main Library, 2210 S. Peabody St. No registration is needed.

In 2015, LIGO (Laser Interferometer Gravitational-Wave Observatory) made the first-ever direct detection of gravitational waves—ripples in space-time produced by the distant collision of two black holes 1.6 billion years ago. Since that first detection LIGO/Virgo has announced 89 additional events, including the groundbreaking detection of a binary neutron star merger in 2017. Eassa will discuss how LIGO detects gravitational waves and what's next for gravitational wave science!

For more information, visit nols.org/LIGO, call 360.417.8500, or email discover@nols.org.

Artistic image inspired by a neutron star–black hole merger. Image courtesy of LIGO; credit: Carl Knox OzGrav, Swinburne University.

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