

The New Age of Gravitational-Wave Astronomy



A colloquium sponsored by the Society of Physics Students

Dr. Carl Rodriguez



In 2015, a new window on to the Universe was opened with the first detection of gravitational waves---minuscule ripples in spacetime created from the cataclysmic mergers of black holes and neutron stars. But how did two black holes get close enough to merge in the first place? In this talk, I'll discuss how we actually detect gravitational waves, and what our current understanding is about the origin of these events.

**Friday, April 12, 2024
4:30 PM EST in Jepson 225**

Please contact SPS president Carly Healy at chealy2@mail.umw.edu with any questions!

Hosted by the Department of Chemistry and Physics

Open to all who wish to attend

