



## Discovery of Gravitational Waves

**By Linqing Wen**

University of Western Australia

**Date: 09/09/16**

**Time: 2:00 PM**

**Location: COB 105**

**For More Information Contact: Lin Tian, [ltian@ucmerced.edu](mailto:ltian@ucmerced.edu)**

### Abstract:

We are at an exciting time of gravitational wave discoveries. The first detection of gravitational wave signal was made in September 2015, followed by a second detection in December 2015. Both gravitational wave sources have been identified as mergers of binary stellar-mass black holes. In this talk, I will give an overview of the gravitational wave detections and discuss prospects of joint gravitational wave and electromagnetic observations.

### Bio:

#### **PhD Institution, Year and Title:**

Massachusetts Institute of Technology (2001), “A Study of the Long-term Behavior of Galactic X-ray Sources with RXTE”

#### **Short Career Summary:**

2014- Professor, The University of Western Australia

2010-2013 ARC Future Fellow, Associate Professor, The University of Western Australia

2008-2009 UWA UPRF Fellow, The University of Western Australia

2004-2008 Junior Scientist, Max-Planck Institute for Gravitational Physics/Albert Einstein Institute, Germany

2001-2003 Postdoctoral Associate, Caltech, USA

#### **Prizes, Fellowships and Awards**

2009 ARC Future Fellowship

2007 UPRF Fellowship (UWA)

1995 Rossi Fellowship (MIT)