



Rittenhouse Astronomical Society

Monthly Public Meeting May 15 2018 6:00

The Society invites members, guests and the interested public to our upcoming meeting (students encouraged to attend).

FREE: Open to the general public, no admission fee. Membership not required.

GUEST PRESENTER: Dr. Hien Nguyen

Jet Propulsion Laboratory and the LIGO Project

Topic: From This Side of the Horizon

The Detection of Gravitational Waves A spectacular celebration of 100 years of General Relativity

**THE FRANKLIN INSTITUTE / FELS PLANETARIUM
222 20TH STREET & THE PARKWAY
PHILADELPHIA PA**

AGENDA

7:00 – Doors Open

7:15 - Call to Order

7:20 – Planet Report: D. Vacca

7:30 – This is Rocket Science: D. Walker

7:40 – Look'n Up: T. Williams

7:50 – President's Address

8:00 – Guest Presenter: D.r Hien Nguyen JPL

9:15 – Mystery Minute

About Our Speaker:



Dr. Hein T. Nguen – JPL

LIGO's recent detection of gravitational wave marks a spectacular celebration of 100 years of General Relativity (GR).I

would like to touch up on this theme. I want to explain to people how GR changes our thinking of cosmology. In fact, together with GR, Einstein also created the new field called cosmology. Einstein's spacetime of the universe radically change our understanding. Then quantum physics makes another startling addition: the universe probably starts from nothing (quantum fluctuations), then undergoes a phase called inflation, and further expands to get where we are today Einstein himself was certainly not aware of this.

Dates To Remember:

June 9, 2018

6:00-10:00 PM

Muddy Run Observatory

Public Open Hou

June 19, 2018

7:00-9:00 PM

RAS Open House

The Franklin Institute

Members Presentations

Call for presentations:

Open to all current members

September 18, 2018

7:00-9:00 PM

RAS Fall Kick Off Meeting

Web Portal: www.RASPhilly.org

Website: <http://www.RittenhouseAstronomicalSociety.org>

FaceBook: RittenhouseAstronomy

Contact: 215-633-0604 ttuu@comcast.net

Mailing Address:

Rittenhouse Astronomical Society

P.O. Box 283

Feasterville, Pa 19053-028