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## CENTI ASTRO-SPACE ACTIVITIES

Welcome to the fourth issue of Cosmic Dimensions. It's coming to you a little later than I wanted, but for the past few weeks much work on the website was done. I wanted the site to be published and available before sending this issue out. In this issue the following will be introduced:

- SAVE THE DATE - **FREE WEBINAR** - SATURDAY, APRIL 9<sup>th</sup> and MONDAY APRIL 11<sup>th</sup>, 2022
- WHAT'S UP IN THE NIGHT SKY FOR APRIL
- FAMOUS FEMALE ASTRONOMER
- COURSES
- SPACE PIC OF THE MONTH
- SPACE QUOTE of the MONTH
- ASTROSPACE JOKE of the MONTH
- INSPIRATIONAL QUOTE of the MONTH

### SAVE THE DATE - **FREE WEBINAR**

*I will be hosting a free webinar. Notice there are 2 dates listed. On both days the same information will be presented. If one of the dates doesn't work for you hopefully the other date and time will.*

DATE: Saturday, April 9<sup>th</sup>      Monday, April 11<sup>th</sup>

TIME: 1:00 PM EST                      7:00 PM EST

TOPICS: ★ Networking              ★ Learn about my courses, webinars and workshops.

★ Answer questions      ★ Scheduling

★ **STEAM LUNAR / MARS SPACE CAMPS**

**RESERVATIONS ARE REQUIRED.**

Schedule your spot by sending your name and email using the CONTACT page on our website  
<https://www.centiastro.com> or call us at 716 - 338 - 7596.

*Once you have registered, a link will be sent to your email for you to log in.*

### WHAT'S UP IN THE NIGHT SKY FOR APRIL

Night Sky Notebook

<https://www.youtube.com/watch?v=EL-5CvCsGKI>

# FAMOUS FEMALE ASTRONOMER

Henrietta Swan Leavitt (1868-1921)

- **Country:** USA
- **Notable discovery:** period-luminosity relation

Along with approximately 40 other women, Henrietta Swan Leavitt worked at the Harvard College Observatory as a "computer" – in the early 20th century, this was the closest option to a scientific career for female astronomers. The task given to the "Harvard Computers" was to classify stars by examining photographic plates.



In 1908, while studying the Cepheid variables, Leavitt discovered that the pulsation period of a variable star is determined by its luminosity. This discovery (now known as the "Leavitt's law") eventually allowed astronomers to measure distances to remote stars, galaxies, and star clusters. For example, in 1924, Edwin Hubble used a Cepheid variable to measure the distance to the Andromeda Galaxy and proved that it was located outside the Milky Way.

Objects named in honor of Henrietta Swan Leavitt: asteroid 5383 Leavitt, crater Leavitt on the Moon.

Source: Star Walk

## COURSES

The following courses can be found on our website <https://www.centiastrospace.com> along with descriptions, registration and payment information.

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| <p><b>COSMIC TIDBITS</b> (Offered Weekly)<br/>DATES: Tuesdays April 12, 19, 26, May 3, 10, 17<br/>TIME: 5:30 PM EDT</p> <p><b>SPACE SCIENCE SPINOFFS</b> (Offered Weekly)<br/>DATES: Tuesdays April 12, 19, 26, May 3, 10, 17<br/>TIME: 6:30 PM EDT</p> <p><b>RACING to the MOON</b><br/>DATES: Thursdays April 21, 28, May 5, 12, 19, 26<br/>TIME: 6:30 PM EDT</p> <p><b>MOONBOUND</b><br/>DATES: Wednesdays April 27, May 4, 11, 18, 25, June 1<br/>TIME: 4:30 PM EDT</p> <p><b>APOLLO to ARTEMIS</b><br/>DATES: Wednesdays April 27, May 4, 11, 18, 25, June 1<br/>TIME: 6:00 PM EDT</p> <p><b>FIRST STEPS – HUMAN FOOTPRINTS</b><br/><b>on the MOON</b><br/>DATES: Saturdays May 7, 14, 21, 28, June 4, 11<br/>TIME: 11:00 AM EDT</p> <p><b>LIFT OFF!! - THE STORY of ROCKETS and</b><br/><b>How They Work</b><br/>DATES: Saturdays May 7, 14, 21, 28, June 4, 11<br/>TIME: 12:30 PM EDT</p> <p><b>EXOPLANETS - WORLDS BEYOND</b><br/>DATE this course is available is coming soon with a link to register.</p> | <p><b>STEAM SPACE CAMP</b><br/>(Although DATES &amp; TIMES are listed below, they are not set in stone. Let us know your scheduling and what would work better for you. We can adjust the schedule for you. These camps can be scheduled and offered anytime for groups including school classes afterschool programs, during summer and / or school breaks. Contact us via email or phone to schedule your camp)<br/>Your Mission: LUNAR SPACE CAMP or MARS SPACE CAMP</p> <p>STEAM - LUNAR SPACE CAMP (A)<br/>STEAM - LUNAR SPACE CAMP (B)<br/>STEAM - LUNAR SPA CE CAMP (C)<br/>DATES: July 11, 13, 15, 18, 20, 22, 25, 27<br/>TIME: CAMP (A): 9:30 AM EDT<br/>CAMP (B): 11:30 AM EDT<br/>CAMP (C): 1:30 PM EDT</p> <p>STEAM - MARS SPACE CAMP (A)<br/>STEAM - MARS SPACE CAMP (B)<br/>STEAM - MARS SPACE CAMP (C)<br/>DATES: August 1, 3, 5, 8, 10, 12, 15,17<br/>TIME: CAMP (A): 9:30 AM EDT<br/>CAMP (B): 11:30 AM EDT<br/>CAMP (C): 1:30 PM EDT</p> |
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## SPACE PIC OF THE MONTH



Rigel and the Witch Head Nebula  
Image Credit & Copyright: [José Mtanous](#)

How do you throw a party in space? You have to plan-et.

“I’m sure the universe is full of intelligent life. It’s just been too intelligent to come here.” -- **Arthur C. Clarke**

“Don’t worry about failures, worry about the chances you miss when you don’t even try.” -- **Jack Canfield**

## CONTACT

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