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Astronomy: CIAS Newsletter - Jan 2022 - Asteroid Encounter, Public Stargazing, UCCI Astronomy Short Course, and AGM

1 message

Cayman Astronomy <cayman.astronomy@yahoo.com>
To: CI Astronomical Society CIAS <cayman.astronomy@yahoo.com>

Tue, Jan 18, 2022 at 12:54 AM

Asteroid 7482 (1994 PC1) Encounter - 18 Jan



A large asteroid will pass quite close to the Earth Tuesday 18 Jan 2022. Luckily, it will still be 5 times as far away as the moon, so there is no danger of a collision. Although it will be far too dim to see with the naked eyes, it should be possible to spot it from the Cayman Islands with a modest telescope. It will be most easily detected by taking a long exposure photograph of the area and looking for an unusual trail, as the asteroid will be slowly moving across the sky quite differently to the rest of the stars behind it.

Here is a video we've made showing how to find it in the sky <https://youtu.be/6ZqgywFLm8>

Public Stargazing Event at Sunset House - 3 Feb 6:30pm



Enjoy amazing views of stars, planets, galaxies, nebulae and more at our return to public stargazing!

The awesome colours and moons of Jupiter, the details of our thin crescent moon, and the the distant glow from the Andromeda Galaxy will all be amazing to see in the western skies. Moreover directly above we'll see the beautiful "seven sisters" of the Pleiades as well as the Orion constellation with all of its stories and secrets to share!

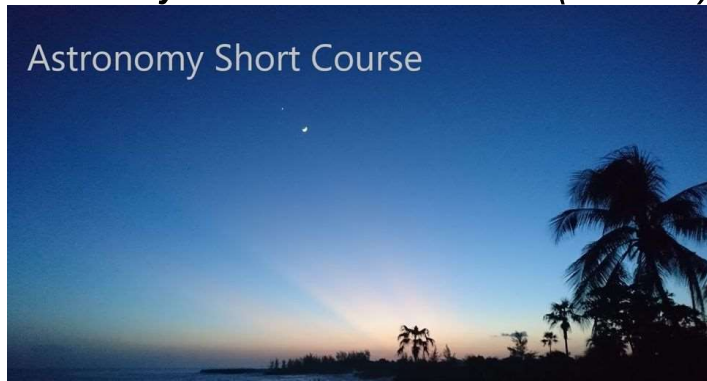
We'll be there with a range of telescopes to share the night skies with the public.

A new system will be in place to allow the views from our telescopes to be seen straight into a phone screen - helping to promote everyone's safety.

Enjoy a meal or a refreshment at Sunset House and we'll be set up just beyond the sea wall in a wonderful darkened spot with great views.

All are welcome and please check our Facebook page for updates in case the weather is not cooperative. <https://fb.me/e/35k6GIzZk>

Astronomy Short Course with UCCI (CED-080) - Begins 8 March



Learn about the skies of the Cayman Islands!

This is a hands-on opportunity to engage with how the stars above have played such an important role in the heritage of the Cayman Islands and how they command such relevance even today. This short course of 11 sessions based at the UCCI observatory starts on March 8th, and runs through to April 12th.

Registration is through UCCI, but be sure to email the CIAS at cayman.astronomy@yahoo.com to register your interest.

Enrol through this link: <https://www.ucci.edu.ky/how-to-apply>

The course tuition is \$150. New registrants with the UCCI would have to pay an additional application fee of \$25.

Full course details are here: <http://cias.space/astro.html>

CIAS Annual General Meeting - 6 Feb 5:00pm

The AGM will be held at the Ocean Club boardwalk gazebo on Sunday 6 Feb at 5:00pm. Those wishing to join the CIAS or become more involved in the society are encouraged to attend. Note that this is not a public stargazing event. Though the outdoor space has ample ventilation and room, please indicate by email if you would like to attend so we can ensure that appropriate public health measures can be put in place. <https://fb.me/e/2cf85Xe94>

Upcoming visible Space Station passes

Click on the date to get a star chart and other pass details.

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
04 Feb	-1.3	19:25:19	10°	N	19:25:30	11°	N	19:25:30	11°	N	visible
05 Feb	-1.1	20:12:39	10°	NW	20:13:32	17°	NW	20:13:32	17°	NW	visible
06 Feb	-3.9	19:24:26	10°	NNW	19:27:43	63°	NE	19:28:58	34°	ESE	visible
Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
07 Feb	-0.5	20:14:47	10°	WSW	20:15:58	11°	SW	20:17:09	10°	SW	visible
08 Feb	-1.3	19:25:04	10°	WNW	19:27:50	24°	SW	19:30:36	10°	S	visible
14 Feb	-2.1	06:20:49	10°	SSW	06:23:58	37°	SE	06:27:05	10°	ENE	visible
15 Feb	-0.8	05:33:25	10°	SSE	05:35:43	17°	SE	05:38:00	10°	E	visible

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
16 Feb	-3.3	06:20:43	10°	WSW	06:23:53	40°	NW	06:27:04	10°	NNE	visible

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Tiyen Miller
President

Cayman Islands Astronomical Society

<http://www.cias.space>

[facebook.com/caymanastronomy](https://www.facebook.com/caymanastronomy)

The Cayman Islands Astronomical Society has been bringing together people with an interest in astronomy since 1991 with a goal of promoting astronomy to the public. CIAS is registered as a Non-Profit Organisation in the Cayman Islands (NP-358)