



**Monthly Newsletter of the Johannesburg Centre of
ASSA**



Orion Rising over Brazil

Image Credit & Copyright: Carlos Fairbairn

Read more about this image here: <https://apod.nasa.gov/apod/astropix.html>

Canopus September 2019

Next meeting at: **Johannesburg Observatory**
WEDNESDAY 9 October 2019

Speaker: Heystek Grobler

Topic: “Signal Processing and Radio Astronomy”

Notifications are posted on Facebook <https://www.facebook.com/assajhb/>,
assajhb@yahoo.com and SMS for members.

ASSA Johannesburg is Digital:

It is essential to note that ASSA JHB does not mail the News Letter.

Please download **Canopus** from the website.

Please visit our website to view all alerts for: announcements, activity reminders, including public viewings, meetings, star parties and last minute changes.

Committee Members:

| Portfolio: | Name: | Email: | Number: |
|------------------------|---------------------|----------------------------|----------------|
| Chairperson | Carmel Ives | d.ives@mweb.co.za | 0834631123 |
| Vice-Chairperson | Eric Mulovhedzi | ericm00142@gmail.com | |
| Treasurer | Frans van Nieuwkerk | frans.touring@gmail.com | |
| Secretary | Tessa Collins | tessacollins525@gmail.com | |
| Curator of Instruments | Etsuo Takayanagi | ngc188takayanagi@gmail.com | |
| Communication | Rory de Beer | rorydebeer@gmail.com | |
| Member | Rodney Hyman | rodney@elemod.co.za | |

September 2019 Picnic Under the stars:

The Picnic under the stars held on the 29th September 2019 was a great success, It was attended by around 30 people. The New moon created great darks skys so the main focus was on Beautiful Saturn and jupiter, which never disapoint.

For our next picnic details visit: <https://astronomyjhb.co.za/> and our facebook page:
<https://www.facebook.com/assajhb/>

Things that happened in Astronomy / Intresting reads in September 2019

Elon Musk Unveils SpaceX's New Starship Plans for Private Trips to the Moon, Mars and Beyond

<https://www.space.com/elon-musk-unveils-spacex-starship-2019-update.html>

China's Lunar Rover Scopes Out Weird Substance on Far Side of the Moon (Photos)

<https://www.space.com/china-yutu-2-moon-rover-strange-substance-photos.html>

Within Months, 6 Quiet Galaxies Became Blazing Quasars And Scientists Don't Know How

<https://www.sciencealert.com/six-galaxies-transformed-from-mild-mannered-liners-to-wildly-blazing-quasars>

We Now Know What Smashed Into Jupiter Last Month

<https://www.sciencealert.com/astronomers-have-figured-out-what-smashed-into-jupiter-last-month>

Canopus September 2019

To subscribe or unsubscribe, merely post a blank e-mail to the indicated addresses:

| | |
|---|--|
| ASSA Announce General announcements for the Johannesburg Centre | assajhb-subscribe@yahoogroups.com assajhb-unsubscribe@yahoogroups.com |
| ASSA Canopus Distribution list for the PDF version of our monthly newsletter, Canopus | assacanopus-subscribe@yahoogroups.com assacanopus-unsubscribe@yahoogroups.com |



Do you want to advertise in Canopus?

Canopus is widely read by more than **200** people every month and has been in circulation for more than **30 years!**

For more information please contact Rory de Beer:
rorydebeer@gmail.com

| Rates for advertorial space | Yearly: |
|--|----------------|
| Digital advert in Canopus and on ASSA JHB web site | R250.00 |

Advertising: Rory de Beer (rorydebeer@gmail.com)
Our Website, Facebook and Postal Addresses

www.astronomyjhb.co.za
<https://www.facebook.com/assajhb/>

PO Box 412323 Craighall 2024