



# COFFS HARBOUR ASTRONOMICAL SOCIETY INCORPORATED

## MINUTES AND NOTICE OF MEETING MINUTES OF SEPTEMBER'S MONTHLY MEETING HELD AT BOAMBEE EAST COMMUNITY CENTRE, MONDAY 7<sup>th</sup> of SEPTEMBER, 2015.

**PRESENT:** 12 members

**MEETING OPENED:** with President, Win Howard in the chair.

**APOLOGIES:** Gerjo, Roberto, Roger & Rita

**MINUTES OF LAST MEETING:** Adopted as circulated by e-mail.

**BUSINESS ARISING FROM MINUTES:** Nil.

### **CORRESPONDENCE:**

**IN:** 1/. Email from Paul Wildish. He bought a Meade LX90 telescope and needs help to set it up.

2/. Letter from craft teacher at Cryalasis School at Thora. They are studying Astronomy and want a guide to start astronomy course..

3/. Letter from Catherine Brading of team MOPRA- the radio telescope at the Warrumbungle's. Their radio telescope is about to be shut down due to lack of funding. They want to raise funds and wants to promote MOPRA. They want to sell information cards.

**OUT:** Nil

### **GENERAL BUSINESS:**

- Further discussion of general public Sky Night incorporating kids activities... 21<sup>st</sup> September, 2015.
- M Hope to bring telescope
- Peter to bring scope.
- We have the club scope.
- Publicity by community radio. Information sheet to be sent to Bernadette to advertise it on radio.
- Email to be sent with brochure to all members so that they can send it to schools.
- Roberto to bring projector to show DVD's.
- M Hope to bring Brian Cox's book as well.

**THE TOPIC: Nil**

**TOPIC FOR NEXT MEETING:**

Everyone is welcome to give a brief presentation on any topic(s) that they may have found of interest lately.

**REPORTS FROM MEMBERS:**

**REPORTS FROM THE PRESIDENT:** *(this material is collected from the internet each month and presented in an edited form).*

- **New Horizons: Pluto Probe's Next Target Chosen** <http://www.bbc.com/news/science-environment-34103829>
- **From Betelgeuse to Vega, Who Named the Stars?** <http://www.smh.com.au/technology/sci-tech/astronomy/from-betelgeuse-to-vega-who-named-the-stars-20150820-gj3f44.html>
- **Astronomy is Entering an Exciting New Era of Exploration** <http://theconversation.com/southern-stars-the-decade-ahead-for-australian-astronomy-46339>
- **Are There More Stars in the Universe Than Grains of Sand on Earth?** <http://www.abc.net.au/science/articles/2015/08/19/4293562.htm>
- **A Place Where Monsters Hide** <http://www.abc.net.au/science/articles/2015/08/17/4293533.htm>
- **Comet Impacts Cook Up 'Soup of Life'** <http://www.bbc.com/news/science-environment-33988456>
- **Antarctic Scientists Confirms the Existence of Ghostly Particles: A Step Forward to Solve Several Cosmic Puzzles** <http://krwgnews22.com/science-27/antarctic-scientists-confirms-the-existence-of-ghostly-particles-a-step-forward-to-solve-several-cosmic-puzzles-1089.html>
- **Asteroid Impact Early Warning System's 1<sup>st</sup> Telescope up and Running** <http://www.leonarddavid.com/asteroid-impact-early-warning-system-first-scope-up-and-running/>
- **Fading Cosmos Quantified in 21 Colours** <http://www.bbc.com/news/science-environment-33846857>
- **Researchers Explain Why the Greenwich Prime Meridian Moved** <http://news.virginia.edu/content/researchers-explain-why-greenwich-prime-meridian-moved>
- **Comet , Philae Skirt Past the Sun With Rosetta in Tow** <http://www.smh.com.au/technology/sci-tech/comet-philae-skirt-past-the-sun-with-rosetta-in-tow-20150813-giyxqn.html>
- **Giant Gas Cloud First Sign of a Galaxy Being Born** <http://www.abc.net.au/science/articles/2015/08/06/4287545.htm>
- **A New Record: Keck Observatory Measures Most Distant Galaxy** [http://www.keckobservatory.org/recent/entry/new\\_record\\_keck\\_observatory\\_confirms\\_most\\_distant\\_galaxy](http://www.keckobservatory.org/recent/entry/new_record_keck_observatory_confirms_most_distant_galaxy)
- **Scientist Solve Age-Old Planetary Ring Riddle** <http://www2.le.ac.uk/offices/press/press-releases/2015/august/scientists-solve-planetary-ring-riddle>
- **Gravitational Constant Appears Universally Constant, Pulsar Study Suggests** <http://www.astronomy.com/news/2015/08/gravitational-constant-appears-universally-constant-pulsar-study-suggests>
- **Using Stellar 'Twins' to Climb the Cosmic Distance Ladder** <http://astronomynow.com/2015/09/04/using-stellar-twins-to-climb-the-cosmic-distance-ladder/>

- **156 Years Ago, A Geomagnetic Mega Storm**  
<http://spaceweather.com/archive.php?view=1&day=02&month=09&year=2015>
- **First Evidence of Galaxy Metamorphosis Detected**  
<http://www.abc.net.au/science/articles/2015/08/28/4302098.htm>
- **LISA Pathfinder Set of Launch Site**  
[http://www.esa.int/Our\\_Activities/Space\\_Science/LISA\\_Pathfinder\\_set\\_for\\_launch\\_site](http://www.esa.int/Our_Activities/Space_Science/LISA_Pathfinder_set_for_launch_site)
- **World's Most Powerful Telescope Digital Camera Gets a Green Light for Construction**  
<http://astronomynow.com/2015/09/01/worlds-most-powerful-telescope-digital-camera-gets-green-light-for-construction/>

#### **CLOSURE AND FUTURE MEETING TIMES:**

The next monthly meeting, will be **Monday 5<sup>th</sup> of October, 2015**, at **Boambee East Community Centre, Bruce King Drive** at **7:00pm**, all members and interested persons are encouraged to attend.

#### **CHAS TELESCOPE:**

Roberto Cornale  
Secretary