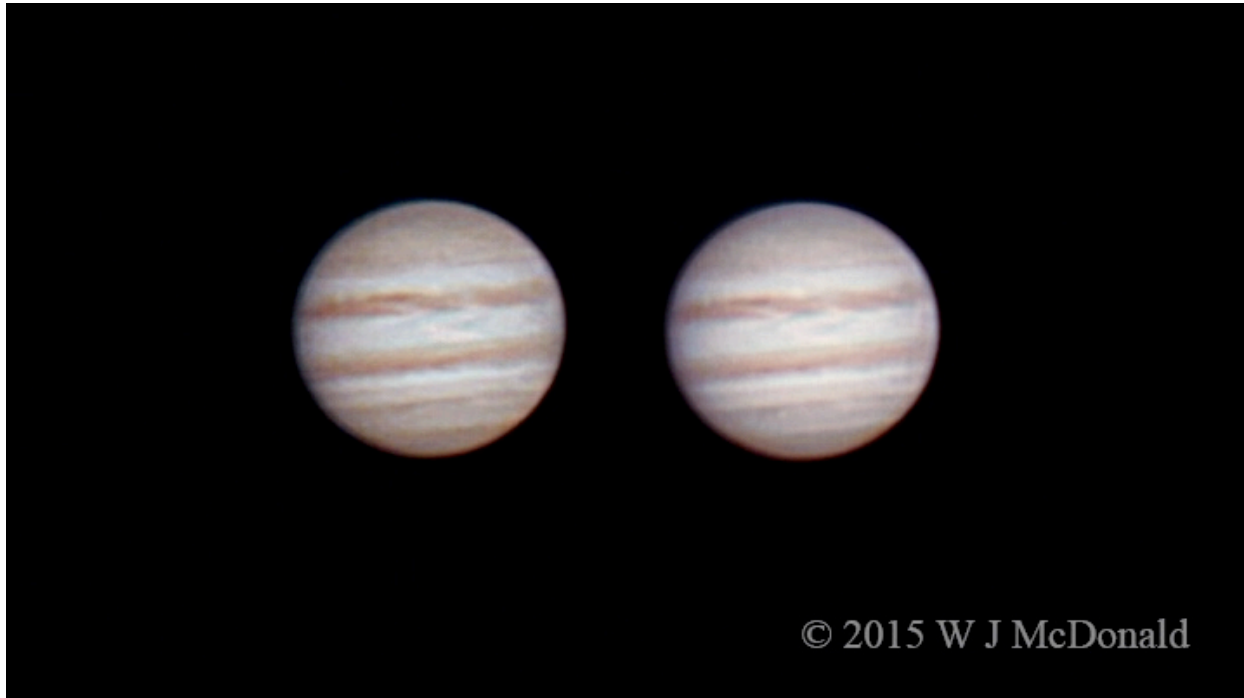


SKYNEWS



Jupiter in Stereo

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NEXT MEETING

Wednesday September 9th 7:30pm
A104 Bob Wright Bldg,
University of Victoria
3800 Finnerty Rd

www.victoria.rasc.ca

On the Cover

Jupiter in Stereo

Jupiter in stereo. To see the stereo image, the separation of the two pictures of the planet need to be about 2 to 2.5 inches apart. If that is the not case on you monitor you may have to print an image of the size. The easiest way to see the stereo image is to bring your face up fairly close until you start to see the stereo image between the two you start with, then slowly move your head back a foot or two keeping the stereo image in focus.

Details

April 19th 2015 at the Victoria Centre Observatory. Conditions - clear with slight overcast, 12 deg C, very good seeing and no wind. C14 scope with Canon T3I camera feeding Backyard EOS accumulation software. Two 500 frame video sequences taken at 21:41:31 and 21:49:22 DST were processed in Images Plus and Photoshop.

June Speaker

Slicing & Dicing Galaxies to Understand What Built Them Up – Dr. Joel Roediger (NRC/Herzberg)



As best we can define them, galaxies are immense accumulations of gas, dust, stars, planetary systems,

and dark matter, and as such, hold a revered place in the story of where we come from. That, coupled with the intriguing breadth of galactic entities and phenomena, makes it little surprising why many astronomers devote their careers towards filling the gaps in our understanding of the detailed physics that governs galaxy formation.

Observers and modellers (like myself) working in the field of extragalactic

astrophysics are constantly finding new ways to challenge our current understanding through innovative measurements of galaxy parameters. One of the latest innovations takes advantage of technological improvements to study galaxies on a pixel-by-pixel basis. This new approach will enable a fuller appreciation of the complexity of galaxy structures, the growth histories of their components, and the amount and structure of dark matter within their visible extents.

Here in Victoria, we have the opportunity to capitalize on such important topics for a complete sample of local galaxies through a state-of-the-art imaging survey targeting the Virgo Cluster. In this talk, I will describe the survey itself and efforts presently underway to map, pixel-by-pixel, the mass in stars within the galaxies of this all-important cluster. This ambitious program promises to enable fundamental insights into the build up of stellar mass, a pillar of the galaxy formation process, within the present-day galaxy population.

Presidents Report

by Sherry Buttner

May was quite a month! The Victoria Centre was full-on at the Dominion Astrophysical Observatory on Saturday evenings. Our wonderful volunteers educated and entertained hundreds of visitors in the Plaskett dome, in the Centre of the Universe building, and in the parking lot. Visitor numbers have been a bit low (probably because we opened early this year in May to take advantage of the darker evenings), but those visitors who did come up to take in the activities were extremely impressed with our efforts, even in spite of some iffy sky conditions. Very well done, everyone!

And now we take a break at the DAO for June. We decided there is little point opening up when it doesn't get dark enough to see the night sky before it was time to send the public home. *We're back again on July 18th* for six more Saturday evenings throughout the remainder of summer, so please spread the word!

Now, I have a favour to ask: the Victoria Centre may, or may not, be meeting the needs of our members. Perhaps we are completely wonderful (ha!), or maybe we need to be addressing things that we currently are not doing so well at. I'm going to try to get a feedback page up and running, where you may offer your opinions on this. Meanwhile, I encourage you to contact me directly by email or phone with your comments, complaints, or suggestions on how we are doing, and what we could be doing better. Don't be shy: the RASC exists to promote astronomy at all levels, but it also exists to serve the needs of our members. It is our job on Council to make that happen.

Please let us know – [Contact info](#).

Although we are winding down a little for the shorter nights, there's lots to look forward to this summer, including restarting at the DAO/CU on July 18, the [Cowichan Valley Star Finders' star party](#) on the weekend of August 14-16, and, of course, the [Victoria Centre Metchosin Star Party](#) on the weekend of August 21-23. Please join us!

As this is my last message until September, I'd like to wish you all a wonderful summer, filled with soft sparkling clear nights, equipment that always cooperates, and perfect exposures!

Clear skies

ASTRONOMY CAFE



Fairfield Community Centre
1330 Fairfield Rd. Victoria,

7:30pm - 11pm

Contact: Chris Purse for further details

vp2@victoria.rasc.ca

New comers are especially



Email Lists

Observer / CU Volunteers / Members

Contact Joe Carr to subscribe



New Observers Group

Hosted by Sid Sidhu - 1642
Davies Road, Highlands. Call
250.391-0540 for information and

Membership Report

by Chris Purse

Total membership is currently 218. There are 13 members in the grace period which means their membership has expired in the past 2 months. Please contact Chris Purse (membership@victoria.rasc.ca) if you would like to check the status of your membership

From the editor's desk.

For some informative NASA Videos check out their YouTube Channel
www.youtube.com/user/NASAtlevision

RASC Victoria Centre Council 2014 / 2015

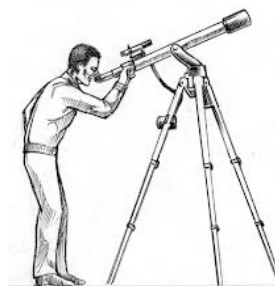
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NRC Liaison	Dr. James Hesser	
NRC Liaison	James di Francesco	
UVic Liaison	Alex Schmid	
Member at Large	David Lee	

Online Resources

Magazines

[SkyNews](#) Our National RASC Newsletter
[Sky & Telescope](#) Magazine
[Astronomy](#) Magazine
[Astronomy Now](#) Astronomy in the UK
[Amateur Astronomy](#) Magazine
[Astrophotography](#) Magazine

Borrowing Telescopes



The centre has telescopes for new and seasoned observers that members can use. Contact Sid Sidhu from the email list above.