

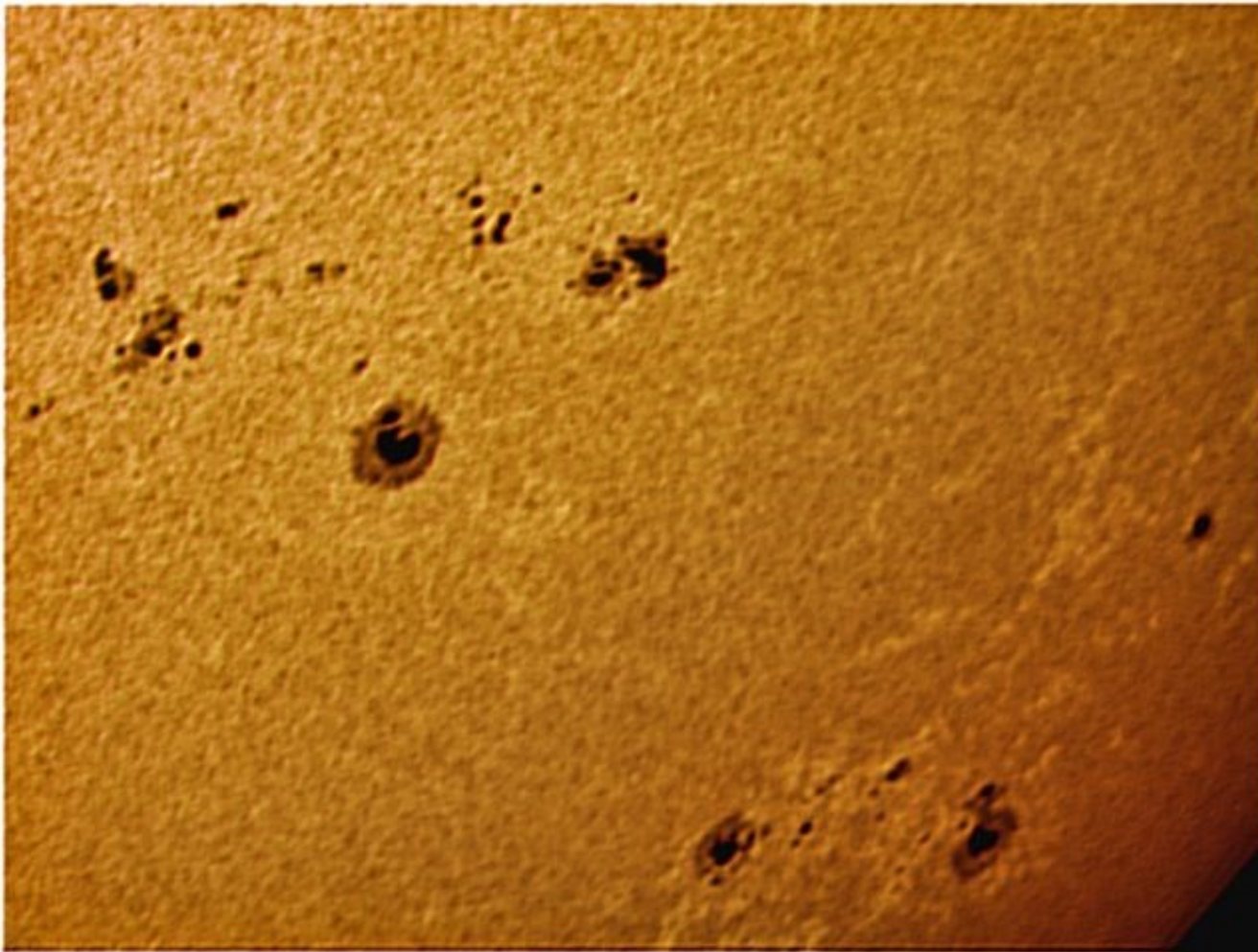
Vol. 15 Issue 2

Spring 2014

H O R I Z O N

LA SOCIÉTÉ ROYALE D'ASTRONOMIE DU CANADA
New Brunswick Centre du Nouveau-Brunswick
THE ROYAL ASTRONOMICAL SOCIETY OF CANADA

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Shakespeare Anyone?

**2014 Star Party
Dates!**
See inside..

Photo: by Paul Owen from Hampton,
NB on April 20th 2014.
Edge 8" HD with White light solar filter,
Imaging Source Camera, EQ6 Equatorial
mount, Registax, Photoshop Elements

'Sun' Photo: by Paul Owen

EVENT HORIZON
Astronomy in New Brunswick

SRAC/RASC Centre du NB Centre
Réunion / Meetings

When: June 21, 2014 13:00
Where: Moncton High School

When: September 20, 2014 13:00
Where: Fredericton UNB
Location TBA

When: October 18, 2014 13:00
RASC NB Centre
Annual Meeting!

Where: Saint John
Rockwood Park
Interpretation Centre

Scheduled meetings will be posted at:

<http://www.nb.rasc.ca/>

NB Astronomy Clubs
Réunion / Meetings

William Brydone-Jack Astronomy Club (Fredericton)

A local group of members meet in Fredericton monthly for meetings and observing.

The WBJAC meetings are normally held the second Tuesday of the month at UNB, 2 Bailey Drive, Room 203

www.frederictonastronomy.ca

Saint John Astronomy Club

Meetings consist of talks on constellations, the solar system and other astronomical topics, as well as Show & Tell, observing reports and maybe observing.

The SJAC meetings are normally held on the first Saturday of the month at Rockwood Park Interpretation Centre.

www.sjastronomy.ca

Find us on...

FACEBOOK

<https://www.facebook.com/RASC.NB>

TWITTER

<https://twitter.com/rascnb>

STAR PARTIES

Camping & Observing Weekend (COW)
July 18-20

Mt. Carleton Astronomy Weekend
August 1-3

Fundy Star Gaze
August 29-31

President's Report: by Curt Nason

Since our Winter 2014 issue of Horizon we have gained two new members without losing any, and our membership now stands at 70. Welcome to our new members: James Mosher in Sackville, and long-time regular attendee Margaret Baker has joined as a Family Member. We have had 13 people renew their membership since the previous newsletter, including Armand Saintonge who has been a RASC al for 25 years, 15-year Family Man Damon Baker, and 10-year member Marilyn Bregg. Others who have renewed are Holly Ayles, James Ayles, Ted Dunphy, Peter Jensen, Eloi Lanteigne, Daniel LeBlanc, Stephen Tompkins, Dominic Vautour, Phillip Webb, and Don Williams. Thank you all!

As of May 9 our Centre has reported 29 outreach events for 2014. Those reported since the previous Horizon are (date, event, number of public participants, location):

- Feb. 25, 150 at a Science East STEM Expo in Oromocto
- March 3, presentation for 50 seniors at Royal Court in Riverview
- March 24, presentation for 20 Grade 6 students at RNS in Rothesay
- March 29, booth/solar observing for 125 shoppers, Regent Mall, Fredericton

- March 25, constellations presentation for 17 at Rockwood Park, Saint John
- April 1, constellations presentation for 17 at Rockwood Park, Saint John
- April 7, presentation/observing for 15 Guides in East Saint John
- April 8, solar system presentation for 17 at Rockwood Park, Saint John
- April 12, 20 visitors for the RASC NB meeting at UNB Fredericton
- April 15, solar system presentation for 17 at Rockwood Park, Saint John
- April 18, solar observing for 22 hikers, Irving Nature Park, Saint John
- April 20, solar observing for 37 hikers, Irving Nature Park, Saint John
- April 22, binocular/telescope presentation for 17 at Rockwood Park
- April 29, astronomy reference material talk and observing at Rockwood Park
- May 7, presentation and observing for 30 Brownies, parents, West Saint John
- May 9, solar observing for 160 students, teachers, Moncton High School.

Our annual meeting will be held at the Rockwood Park Interpretation Centre on October 18. We are looking at a low-key, member-focused event with astronomy workshops rather than guest speakers. If you have some aspect of the hobby, particularly on the equipment or technique side, that you would like to learn about then please send your suggestions to June MacDonald.

The morning of October 18 will be reserved for our annual business meeting, and this is an election year. Please consider getting involved in the operation of our Centre by offering for a position on Centre Council, as our National Advisory Council Representative, or as a Committee Chair. An official request will be sent from the Nominating Committee during summer.

Another business item will be a vote to accept a revision to our By-Laws. A revision was made necessary to remove membership categories that no longer exist, but other changes have been made based on our 14 years of experience as a Centre. A draft of the new By-Laws will be vetted by Centre Council and then posted on our Web site for review. If it is accepted at the annual business meeting it will then require approval by the Society Board of Directors before being implemented. In addition to the By-Laws revision, a Centre policy document is being developed to provide guidelines for Centre activities.

Have a great summer, and please try to attend at least one of our star parties.

2014 Star Party Dates!

by June MacDonald

Here are the dates for the star parties this year, so you can start planning your vacation or summer schedule for them. No details decided yet for them, but it will be public observing at all 4 & a RASC group supper at the COW for sure & a decision will be made re supper at Fundy Park (probably, but we need to discuss & look at finances). We are discussing with the parks re free camping spots & will have more information for you later. For now we just wanted to get the dates out to you. It's so much fun, a great time for all – come join us.

Star Party Contacts:

June MacDonald
junie@nbnet.nb.ca
506-634-0931

Emma MacPhee
emmamacphee@yahoo.ca

Website: www.nb.rasc.ca/

Event Name: **Kouchibouguac Star Gaze**
Dates for 2014: *Postponed, new date TBA*
Location for 2014: Kouchibouguac National Park

Event Name: **Camping & Observing Weekend (COW)**
Dates for 2014: July 18-20
Location for 2014: Mactaquac Provincial Park

Event Name: **Mt. Carleton Astronomy Weekend**
Dates for 2014: Aug. 1-3
Location for 2014: Mt. Carleton Provincial Park

Event Name: **Fundy Star Gaze**
Dates for 2014: August 29-31
Location for 2014: Fundy National Park

Shakespeare Anyone?

by Peter Jensen

The Science of Shakespeare: A New Look at the Playwright's Universe

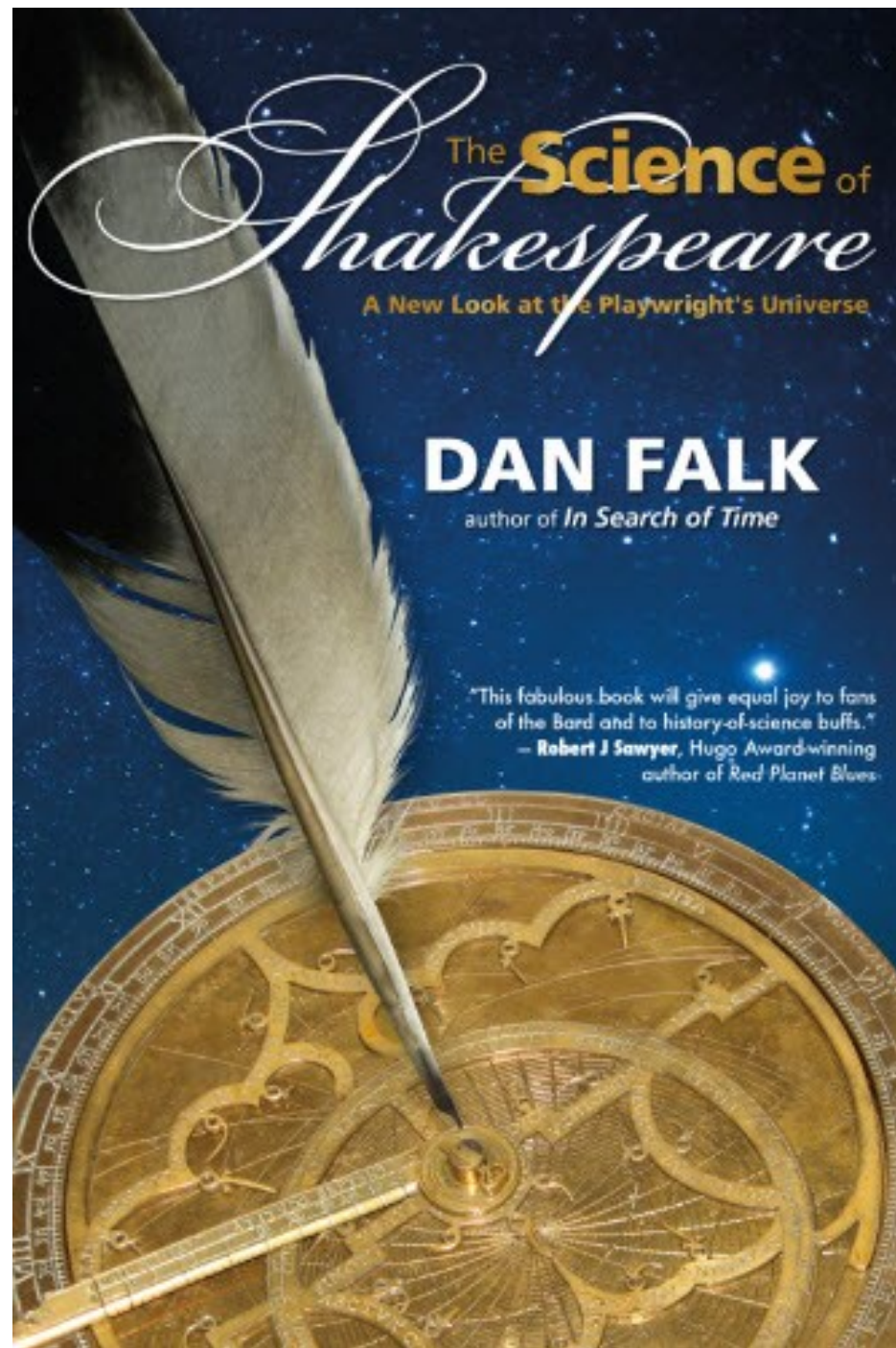
By Dan Falk

St. Martin's Press (USA) / Goose Lane (Canada) — April 2014

From the book jacket:

'William Shakespeare lived at a remarkable time—a period we now recognize as the first phase of the Scientific Revolution. New ideas were transforming Western thought, the medieval was giving way to the modern, and the work of a few key figures hinted at the brave new world to come: The methodical and rational Galileo, the skeptical Montaigne, and—as Falk convincingly argues—Shakespeare, who observed human nature just as intently as the astronomers who studied the night sky.'

In Fredericton on April 12 at 13:00 our NB RASC Centre had a meeting at UNB, McLaggan Hall, Room 53. One of our guest speakers was Dan Falk who just happened to be in our area doing a book tour. Dan gave a great presentation on the world that Shakespeare lived in, his life and knowledge of the stars. Dan talked about Shakespeare's plays, mostly Hamlet, and the references to astronomical events, constellations and science of the time. Although there may not be 'proof' of all the examples of Dan's arguments, this book still has a lot of interesting ideas. The book has a lot of illustrations which makes reading it more interesting. At the end of Dan's presentation, he gladly signed books for everyone!



RASC NB Telescope

The RASC NB Centre telescopes; namely the Coronado PST, the 8" Dob and any other telescope acquired by the Centre; may be borrowed at no charge by any Centre member in good standing under the following terms:

The normal borrowing period is approximately one month (i.e., between meetings), although alternative periods may be arranged through the Equipment Manager depending on demand and other circumstances.

A member may borrow only one telescope at a time unless there is no demand for the other for the period.

A member may retain a telescope for more than one period upon request, provided no other member has requested the telescope by the end of the period (normally, end of the Centre meeting). Requests for a telescope should be made to the Equipment Manager at least three days prior to a meeting to allow for arrangements to be made. Normally, the telescope will be transferred at a meeting. If a member is unable to attend the meeting to return or obtain a telescope, that member should make arrangements for another member to deliver or collect the telescope and inform the Equipment manager of the arrangements.

If the member is unfamiliar with the use and care of the telescope, that member has the responsibility to request training prior to accepting the telescope.

The member assumes responsibility for the condition of the telescope while in possession, and may be held responsible for compensation for the loss of or damage to the telescope while it is in their possession, as decided by Centre Council.

A member who does not abide by this policy may have borrowing privilege revoked, at the discretion of Centre Council.

A non-member of the NB RASC Centre may rent a Centre telescope at a nominal fee of \$10 per month under the following conditions:

The telescope has not been requested by a Centre member for that period.

A member who is familiar with the borrower shall act as a sponsor for the borrower, and shall assume responsibility for the telescope as per the terms for borrowing by a member.

The fee shall be paid in advance to the Centre Treasurer directly or through the sponsor.

Prominences

Photo by Paul Owen

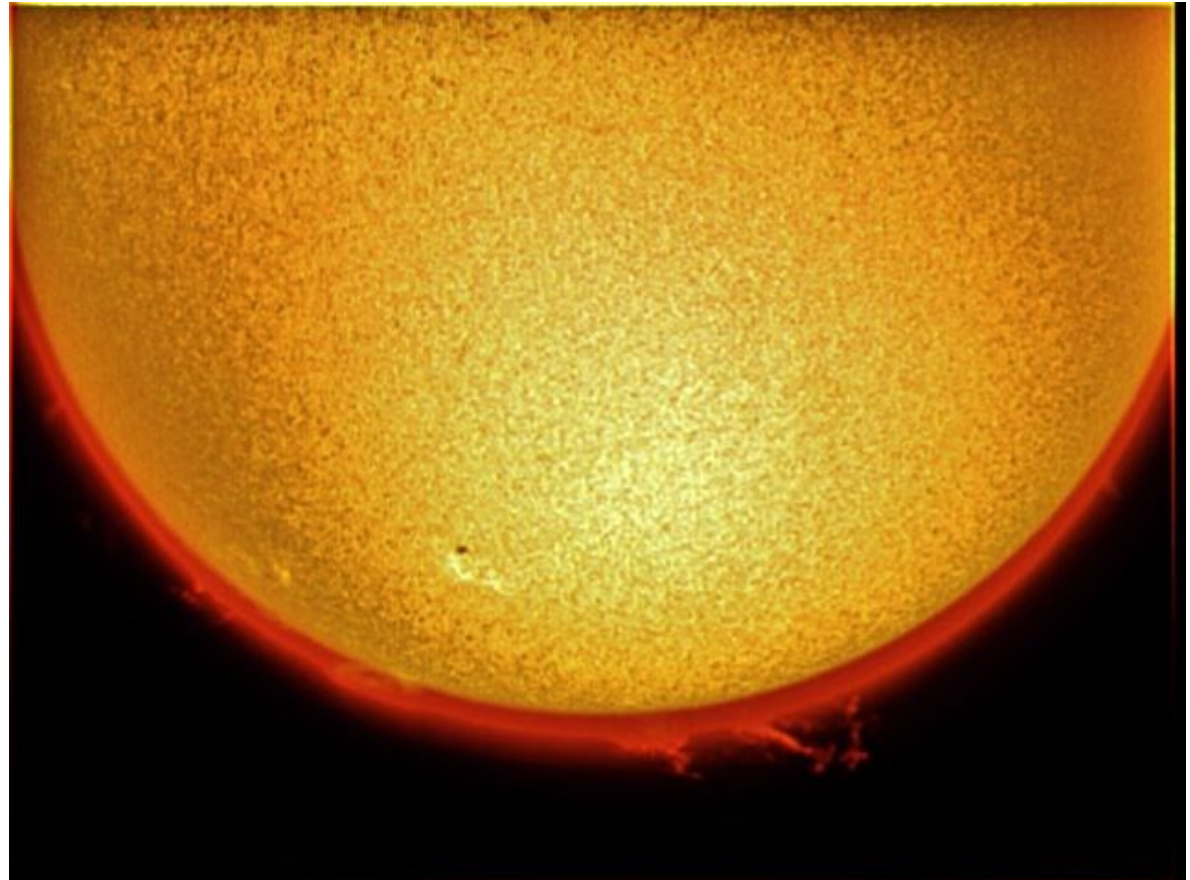
Coronado PST 40mm

Imaging Source CCD

10 frames stacked

HEQ5Pro

Registax and PhotoShop Elements



OBSERVERS' SCORECARD

	Explore the Universe	Messier	Finest NGC	I. William-son Lunar	Deep Sky Challenge	Dark Nebulae	Herschel 400	Hickson	Caldwell	Arp Galaxies	Abell Galaxy Clusters	Iridium
James Ayles	37											
Adrien Bordage	100											
Charles Doucet	110	110	110				65					
Ted Dunphy	102	110	110	51	10	8	265					
Colette Fortier	87	28										
Peter Jensen	85	98										
Don Kelly	110	110										65
Danny LeBlanc		110	110				127	9	8	21	21	
Emma MacPhee	78	110	110	5								
Curt Nason		110	110									
Mike Powell	70											
Detlef Rudolph	62											
Chris Weadick	71	26										
Daymon Baker		110	110						2			
Your name here!												

This section is intended to inspire our members to get out observing by promoting a friendly competition. To be included please contact the editor.

To submit any astronomy related articles, book reviews, observing sessions, member's scope pics, astrophotos, new equipment, etc. to me at editor@nb.rasc.ca or pejensen@nbnet.nb.ca.

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