



Winnicentrics

Newsletter of the Winnipeg Centre of the Royal Astronomical Society of Canada

Upcoming events

July 4, 2016
New Moon

July 8, 2016
RASC Meeting

July 12, 2016
First Quarter

July 19, 2016
Full Moon

July 26, 2016
Last Quarter

August 2, 2016
New Moon

August 10, 2016
First Quarter

August 12, 2016
RASC Meeting

August 18, 2016
Full Moon

August 25, 2016
Last Quarter

September 9, 2016
RASC Meeting

October 14, 2016
RASC Meeting

September 2-5, 2016
RASC Spruce Woods
Star Party

Regular meetings of the Winnipeg Centre are held in the Robert B. Schultz lecture theatre in St. John's College at the University of Manitoba. The theatre is on the lower (basement) floor of the College. Meetings are held on the second Friday of each month from 7 p.m. to 10 p.m. After the meetings, members who wish to do so usually retire for pizza and more conversation about astronomical subjects.

The June meeting is not held at St. John's College but is instead a barbeque at either a member's house or at Glenlea. Meeting dates and meeting places may be adjusted during exam times and during Bomber home games or stadium events.

July and August meetings will begin at 7:30pm. There will be no beginners session. The RASC is hosting "Summer Lite" Meetings for both July and August and will start at 7:30pm and go until 9pm. We will be having our members talk about their favourite images they have taken over the past year. Please note that we will not be hosting the beginners talks until September.

Announcements

What's Up? – Bryan Stach
What's New? – Jennifer West
Constellation – Gail Wise
Photography in Arizona – Bryan Stach
Observing with a Pen – Silvia Graca
Meteorite Hunting – Ralph Croning
Others, TBA

University of Manitoba, Department of Physics and Astronomy & The Royal Astronomical Society of Canada, Winnipeg Centre present

Ewen Campus Observatory & Lockhart Planetarium

OPEN HOUSE

First Thursday of every month at sunset
Come rain or shine!

On hiatus until further notice

Find us in University College,
University of Manitoba, Fort Garry Campus
<http://www.physics.umanitoba.ca/>

July & August Meeting Schedule

Winnipeg Centre Officers & Volunteers

President:

Jay Anderson

Vice-President:

Brenden Petracek

Secretary:

Bryan Stach

Treasurer:

Stan Runge

Past President:

Andrea Misner

Councillors:

Jennifer West

Kevin Galka

Ralph Croning

Meghan Ostrum

Mick Rice

National Representative:

Rolando Martin

Dennis Lyons

SWSP Organizer:

Silvia Garca

Webmaster:

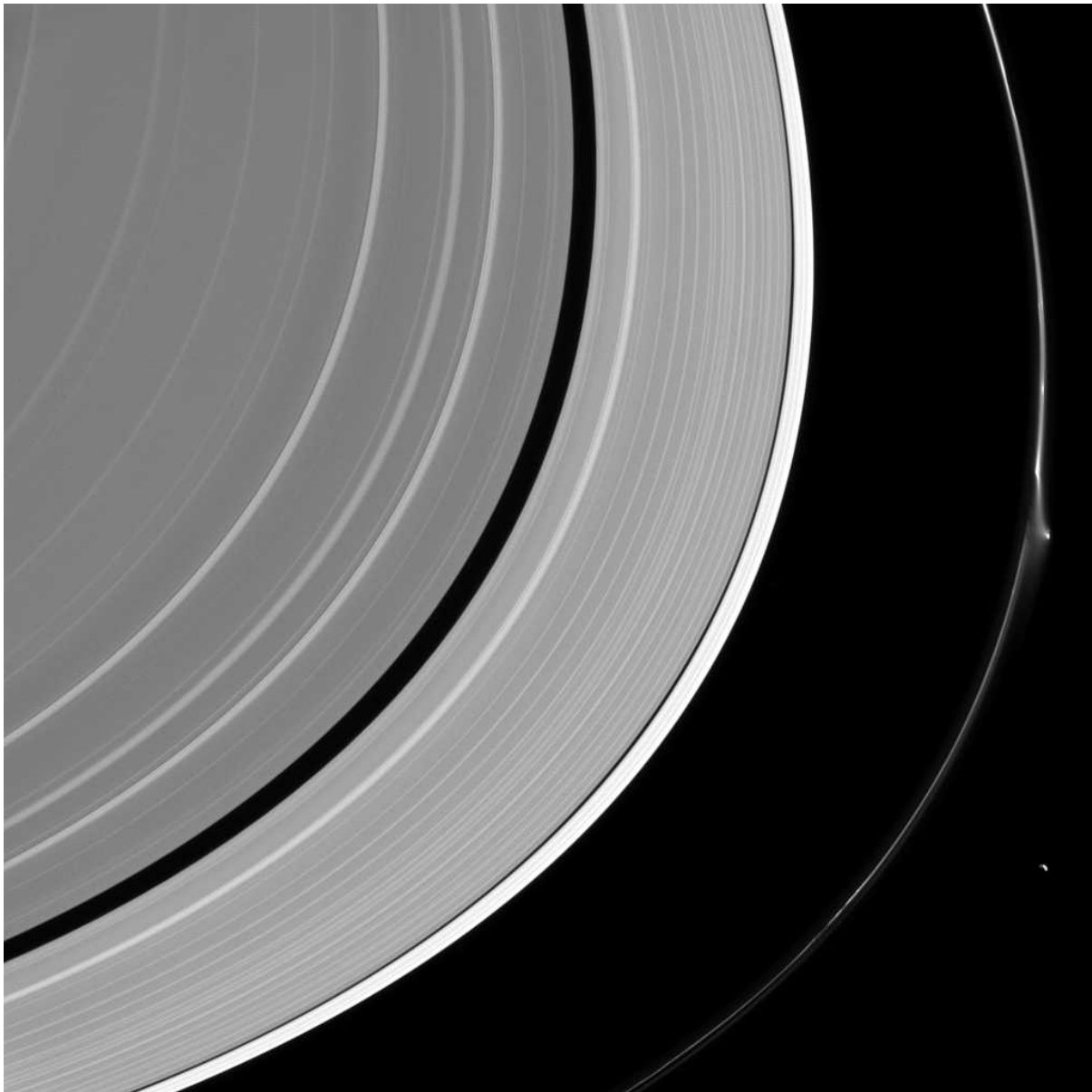
Julius Lopez-Garcia

Winnicentrics Editor:

Meghan Ostrum

megostrum@gmail.com

Please note that there will be one newsletter for July and August that will be sent out in July.



A disruption in Saturn's F ring suggests it was disturbed recently. It is suspected it was caused by the interaction of a small object in the ring itself. These features are known as 'jets'. The image was taken in visible light with the Cassini spacecraft narrow-angle camera on April 8, 2016. The Cassini mission is a cooperative project of NASA, ESA (the European Space Agency) and the Italian Space Agency. These bodies are small and embedded in the F ring itself, they are difficult to spot at the resolution available to NASA's Cassini spacecraft. Instead, their handiwork reveals their presence, and scientists use the Cassini spacecraft to study these stealthy sculptors of the F ring.

For more information about the Cassini-Huygens mission visit <http://saturn.jpl.nasa.gov> and <http://www.nasa.gov/cassini>. The Cassini imaging team homepage is at <http://ciclops.org>.
<http://www.jpl.nasa.gov/spaceimages/details.php?id=PIA20485>



Photo above: Lagoon Nebula - canon 60da/6"astrotectRC f/9 heq5 5x150sec iso4000
Photo below: 6d 20mm f1.8iso2000 6secs
Photo by: Sheila Wiwchar





Photos: RASC BBQ
Photos by: Gordon L Snarr



Spruce Woods Star Party 2016

Dark Skies
Sky Tours
Astronomy Talks
Workshops



Register by August 20th and save \$20!

September 2nd to 5th, 2016

Registration is now open!!

Come enjoy the dark skies of Spruce Woods and spend a long weekend with astronomy enthusiasts of all walks of life!

You'll be treated to dark skies, equipment and sky tours, astronomy talks, a banquet and much more!

Manitoba Parks is offering free entry to provincial parks on the September long weekend so no park pass required!

Star party full package: \$50 before August 20th or \$70 after August 20th

Schedule and registration form below.

More information on RASC Winnipeg's event webpage at:

<http://winnipeg.rasc.ca/event/spruce-woods-star-party-2016/>



Spruce Woods Star Party (SWSP) 2016 Registration

September 2 - 5



Name:	
Address:	
E-mail:	
Valid RASC Membership number: (To join the RASC go to Winnipeg.rasc.ca or contact Silvia at arcturus173@hotmail.com)	
Your accompanying family members (names):	

Events Registration Check :

Friday Night	Sky Tour with Gerry Smerchanski	
Saturday Afternoon	Workshops & Speakers	
Sunday Night	Banquet	
Monday Morning	Continental Breakfast	

Indicate how you will be camping in observing area

Tenting		
Camper	Indicate Camper Length?	
Extra Unit	Describe Extra Unit	
Generator	Must park in designated area please check with SWSP organizer	
Private Camping	Please contact park directly at 204-948-3333.	

PAYMENT OPTIONS

Event	Cost	Amount	Total
Total Weekend Package for one (workshops, talks, camping, banquet, Sunday continental breakfast):	\$50 before August 20 \$70 after August 20		
Add a Family Member to the Total Weekend Package:	\$25 each		
Events & Camping package (no banquet and no Sunday continental breakfast) for one person:	\$35 before August 20 \$50 after August 20		
Events & Camping package (no banquet and no Sunday Continental Breakfast) for the whole family:	\$50 before Aug. 20 \$70 after Aug. 20		
Banquet Only: (add 6 dollars per child age 3 – 12)	\$25		
		TOTAL	

Mail your cheque and this form to:

Silvia Graca
8 Monterey Road Winnipeg, Manitoba R2J 1X1

Make cheques payable to RASC Winnipeg Centre