

# BULLETIN



## OF THE ROYAL ASTRONOMICAL SOCIETY OF CANADA

June 2013 - Volume 8, Number 6

David Garner, Editor

We welcome your comments on the **Bulletin**. Email them to the Editor at [bulletin@rasc.ca](mailto:bulletin@rasc.ca).

A PDF version of the *Bulletin* is available [here](#).

A Web-based version of the *Bulletin* is available [here](#).

### ► Editor's Notebook

by David Garner

#### June's Sky

For a very interesting observation, look for Mercury, Venus and Jupiter in the western evening sky and don't forget to check out Gary Boyle's [Northern Skies](#) for complete details.

### ► News @ RASC.ca

#### 2013 GA!

by [Dave Gallant](#), Thunder Bay Centre, 2013 GA Chairman

Last chance to register for 2013 GA in Thunder Bay, ON.

The Thunder Bay Centre would like to encourage everyone to sign up for the GA by going to <http://www.rasc.ca/events>.

We have a good program planned out that is sure to please. Don't forget to come early to participate in Dennis Mammana's photo night-sky workshop, or to stay for the day of tours and see all the natural wonder that Northwestern Ontario is known for.

#### First Ever RASC Election This Month

by [Denis Grey](#), Nominations Committee

An election for persons who wish to serve on the RASC's new Board of Directors will be held this month for all members in good standing as of 2013 May 31.

If your membership was up to date and current as of this date, you will receive an electronic invitation to vote from the National Office on or before June 5th. The polling system will be open from June 5 to June 30 and all members are encouraged to participate in this opportunity to shape our Society as we move forward into a new Governance model in 2013.

To find out more information about this election, visit [www.rasc.ca/elections](http://www.rasc.ca/elections), or contact Chris Gainor, Chair of Nominations Committee.

#### Discover the Universe Upcoming Workshops

by [Deborah Thompson](#), Executive Director

**Discover the Universe** is offered in partnership with the Canadian Astronomical Society, the Royal Astronomical Society of Canada, and the Federation des astronomes amateurs du Québec. These workshops are free and entirely online. Please feel free to distribute this information to your Centre members, networks and contacts.

#### Discover the Universe

- Are you a teacher or an educator working with youth groups?
- You would like to organize astronomy activities but you don't know where to start?
- You want to feel more comfortable teaching this science?

There is a solution! Discover the Universe is a training program offered by Canadian astronomers to help teachers and educators share this fascinating science. All activities and resources are offered online and free! We offer two types of training:

- Workshops for teachers

Based on school curriculum and includes activities to do in class, teaching resources and tips on how to teach astronomy in a fun and innovative way.

- Workshops for informal educators

An emphasis on learning the night sky and on activities that can easily be done outside with little material.

## Upcoming Discover the Universe Workshops

**FREE and ONLINE!**

### Workshop for informal educators - June 3 to 21

This workshop is especially designed for informal educators working with youth groups or in an outdoor setting. You will discover many astronomy activities which can be done with your public while becoming more familiar with basic astronomy concepts. You will also learn to recognize the main summer constellations so you can start planning activities under the night sky.

### Workshop for teachers - September 30 to October 18

This workshop is especially designed for teachers of grades 5 to 8. We will cover basic astronomy concepts covered by the pan-Canadian school curriculum and will offer ideas for in-class activities. You will also learn to recognize the main constellations and how to include observational projects in your teaching.

How does it work?

Our online workshops are conducted once a week. We will meet online for a one hour webinar where your astronomy education professional will present information and where participants can interact through the chat. This webinar is always recorded for those who cannot join live. Participants also have some activities to do at their own pace throughout the workshop. All our workshops are also offered in French.

Please visit our Web site for more information and to register: [www.discovertheuniverse.ca](http://www.discovertheuniverse.ca).

Discover the Universe is offered in partnership with the [Canadian Astronomical Society](#), the [Royal Astronomical Society of Canada](#) and the [Fédération des astronomes amateurs du Québec](#).

## RASC Membership Development News

by [Deborah Thompson](#), Executive Director

The RASC Membership Development News for May 2013 is available at: [RASC Member Development News May 2013](#).

## David Levy Speaking Tour

by [Randy Attwood](#), Past President, Mississauga Centre

The National Society Public Speaker Program was set up to encourage our Centres to organize and host public talks and presentations, by speakers from outside their local area, about astronomical and related topics.

This spring, several Centres will participate in a rare speaking tour by RASC member David Levy. A longtime observer and author, David has been observing for most of his life, has discovered 22 comets, written 34 books and is an RASC Chant Medal recipient.

The dates are as follows:

- June 1 Montreal
- June 3 Kingston
- June 5 Toronto
- June 6 Kitchener-Waterloo
- June 7 Mississauga
- June 8 Hamilton
- June 9 London

The Public Speaker Program is sponsoring David's travel to/from Canada as well as some of his travel within Canada. Centres are sharing in the total costs of his lodging.

## » *Bulletin Photo of the Month*

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### The Bubble Nebula

by [Brian McGaffney](#), Kingston Centre

This image is the Bubble Nebula NGC 7635. The nebula is near a giant molecular cloud that contains the expansion of the Bubble Nebula, while itself being excited by the hot central star, causing it to glow.

Taken from the Nutwood Observatory: 32 hours over several nights in L+Ha+(HaRGB).



## » *The Sky this Month*

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### What's New in the Sky

Members are encouraged to check out the [Northern Skies](#) section of the RASC Web site. Thanks to Gary Boyle for keeping us all in the know.



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