RASC Toronto Centre 2025-2026
Annual Meeting
Secretary's Report

Mahesh Aravamudan,
Secretary

December 2, 2026

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2025-2026 RASC Toronto Activity Summary

Another busy and exciting year at RASC Toronto.

The RASC Toronto board met **10** times over the last year and has been constantly discussing issues concerning RASC Toronto. Number of motions were discussed and passed. A list of the major 10 motions is attached to this report in Appendix F. All our board meetings were well attended. Special thanks to Andrew Reid for setting up our remote Zoom meetings and Andy Beaton for recording and publishing the minutes promptly.

Apart from these regular meetings a special Strategic Planning meeting was held in February spear headed by Denis Grey. The purpose was to brainstorm ideas how to address challenges in the areas of Membership, Fundraising and Volunteer Base. Another one is planned for the coming year.

First VP Aly Kamadia reported that the Finance Committee's consensus is that the Centre's finances are, overall, healthy. VP's Finance Committee chair report and Denis Grey's Treasurer's report that is to follow, detail the financial health of the organization

Our current membership stands at **501** out of which **130** are family membership, **62** Life Members and **56** Youth Members. Our Member Advisor Grace Horvatin has been busy mailing **198** welcome packages and fielding a whole lot of questions. Details are attached to this report.

The DDO Committee of RASC-TO was extremely busy this year. This committee arranges and oversees all outreach activities associated with the RASC-TC Partnership Agreement with the City of Richmond Hill. Under the able leadership of Phil Morrow, between October 1, 2025 and September 30, 2026, the DDO Committee hosted a total of **97 events**. In all **~3856 guests** attended the events. Activities at the RHDDO included Regular outreach programming, private bookings, special events, external outreach events and training. Details about each of these events and activity are detailed below in this report.

Under the stewardship of Ralph Chou, E.C. Carr Astronomical Observatory (CAO) did very well, this year. Public outreach programs began in the winter and ran through to the end of September. CAO recorded **231** bookings for bedroom use, **14** camping stays and **356** day visits. There were **21** individual and **13** family annual passholders purchased this year. Three MODLs changed ownership. The generator was replaced this year after many years of service. Its six site supervisors were on duty most weekends between May and November except for those near Full Moon. Notable activities at the CAO included spring and fall work parties. Details about each of these events and activity have been summarized in this report.

Durham Region Outreach Subcommittee under the leadership of Arnold Brody continued to their amazing outreach work to engage volunteers, conduct star viewing events and deliver presentations to the public. In the last **10** years they are proud to have shared astronomy with

36,000 people of all ages and cultures at **136** events, and raised over **$10,700** in fees and honorariums to help fund TC activity. This year, Millennium Square public stargazing events drew 2,000 visitors in total for the season, which is just under half of the **4,465** people who attended. From 2016 onwards, they have held **140** events, volunteering over **2,700** hours, showing the heavens or delivering astronomy presentations to over **36,700** people. The events and outreach activities of Durham Region Subcommittee are detailed below in this report.

RASC Toronto Recreational Astronomy nights were conducted monthly and Speaker's nights periodically for our members. There were **11** Recreational Astronomy Nights and **7** Speakers Nights. A list of these events and the topics covered in those meetings are in Appendix D and Appendix E.
These events were livestreamed. Thanks to Andrew Rei, Ward LeGrow, Ennio Cellucci, Reza Mohamed, and Betty Reid for managing the livestream and YouTube presentations.

The AV Committee again has had a busy year. A total of **20** streaming events were conducted on YouTube channel – RASC Toronto, this year. Of these, recreational astronomy night had **3** online only meetings and **10** hybrid meetings streamed from York University; whereas speaker's night had **7** online meetings. More about the activity are detailed below in a separate section of this report.

This year's awards were: Andrew Elvins Award to Vivian Brody; Bertram J Topham Award to Nishat Khan and Chris Vaughan; Ray Thompson Award to astrophotographer Kersti Meemaani; Jesse Ketchum Award to Denis Grey; Ostrander-Ramsay Award to author Julian Samuel; Charlene Norgrove Award to Louis Robinson and Walter Brunner; H.A. Winearls Award to Ward LeGrow.

The RASC Telescope Loan Program is still active, thanks to our 3 volunteers: Frank Dempsey, Mario Gagnon, and Kamesh Patel. The equipment available and loaned out are listed in a separate section below.

Last but definitely not the least is the amazing job the Observing Committee has done under the leadership of Charles Yung and Alex Arjomand. Throughout the year, the Committee coordinated a variety of observing activities, including City Star Parties at Bayview Village and Long Branch Park, the Annual Algonquin Adventure (AAA), and efforts to identify new observing locations and expand public astronomy outreach. More about the activity are detailed below in a separate section of this report.

All in all, a great year for RASC Toronto.

Remarks by First Vice-President & Finance Committee Chair

By Aly Kamadia

I am honoured to take this opportunity within the Royal Astronomical Society of Canada, Toronto Centre ("Centre") Annual Report to make some brief comments.

FINANCIAL HEALTH

Having served my full two-year term as First Vice-President, whose primary job includes being the Chair of the Finance Committee, I am delighted to report that, in my opinion, the Centre's finances are healthy as I depart.

I am equally happy that the Finance Committee shares this view, as noted in the following consensus statement from the Committee:

"The financial position of the Toronto Centre appears, overall, healthy."

Beyond this consensus, there are two remarks that I believe a responsible Finance Chair should make.

The first is related to geopolitical and macroeconomic risks that are on the horizon. While the Centre is a relatively small organization vis-à-vis finances (e.g., net assets of less than $500,000), the COVID-19 pandemic was an excellent reminder that we are not immune from much larger economic and political forces.

The current cost-of-living crisis is playing itself out during a time when, to note a few examples, the threat of increased inflation exists; geopolitical conflict in the Middle East may enter a much more dangerous phase; and there is uncertainty about how a potential deflation of the American AI-driven tech bubble may impact not only its own country, but those well beyond it—including Canada.

Despite geopolitical and economic turbulence, I believe that the Centre is reasonably positioned to face these *potential* challenges and external shocks. This is not least due to the conservative financial posture that many of our Centre's volunteers assume.

Second, while this conservative financial posture ought to be applauded, it's no secret that traditional amateur astronomy organizations face serious challenges. Our Centre is no exception. In that spirit, it is my personal hope that the next First Vice-President applies an entrepreneurial mindset, and moves in a direction where taking calculated and strategic risks may pay off.

To be sure, saving money is important. On the other hand, experimenting with innovative ideas that may generate new revenue streams, as an example, should also be entertained.

GOVERNANCE AND OUTREACH

I served my two-year term as First Vice-President while also being a director on our board. In that capacity, I was happy to play a central role in matters related to governance and compliance with respect to the Ontario Not-for-Profit Corporations Act. (For more information, readers are free to see the minutes from the October 27, 2026 board meeting, to note an important example.) Finally, as our Centre's most recent Education and Public Outreach Chair, and in the absence of a current Chair, I continued to oversee our Centre's relationship with Toronto Public Library (TPL), as noted in the previous annual report.

This is a relationship that I established, and this year, our board granted me full authority to manage it. I am pleased to report that we secured a new agreement with TPL, which positions our Centre well to build on its outreach at TPL branches in the coming year.

In wrapping up this statement, I wish our next First Vice-President the best in carrying out their duties in this very important role.

And of course, I extend a special thanks to each member of the Finance Committee (Adrian Aberdeen, Denis Grey, Steven Spinney), to our key TPL volunteers (Mahesh Aravamudan and James Luo), and to our partners at Toronto Public Library for their support.

Continuing as board member for our Centre, I look forward to the new year with a great sense of optimism.

Treasurer's Report

By Denis Grey

November 19, 2026

The Centre recorded an operating deficit in 2025-26 of **$4,234** on revenues of **$80,455** (-5.25%). Our revenue decreased significantly ($91,782) as we received a significant one-time boost in our revenue last year from the reimbursement of legal fees and disputed contributions to our operations at the David Dunlap Observatory through the Helm Fund (see Note 6 to the Financial Statements). As outlined last year, this one-time jump in revenues is an anomaly that is not expected in future years.

Comparing our revenues year over year, we see that most of our on-going revenue streams (programs, membership, rentals) have declined modestly. Our donations revenue from 2024-25 were boosted by a large donation which was not repeated in 2025-26. "Other income" includes investment income of $1,843 earned by putting surplus cash into term deposits which is continuing in 2026-27.

Revenue	2025-26	2024-25	Change
Events and access fees	$ 43,650	$ 45,749	$-2,099
Membership fees (Note 3)	12,296	15,742	-3,446
Donations	8,531	16,136	-7,605
Amortization of deferred capital contributions (Note 4)	2,372	1,923	449
Rental fees	3,625	4,990	-1,365
Legal settlement funds (Note 6)	0	83,266	-83,266
Other income	9,981	6,530	3,451
	80,455	**174,336**	**-91,782**

On the expense side, we have realized significant savings on our professional (audit, legal) expenses and other expense areas. We have had a significant increase in our Depreciation expenses (from $12,550 to $18,560) which represents both additional assets being deployed by the Centre as well as the write off of fully depreciated items. It should be stressed that this expense represents capital items that have already been bought and paid for.

Expenses	2025-26	2024-25	Change
Professional	8,357	17,294	-8,937
Office and facilities	32,003	38,638	-6,635
Committees	25,769	30,014	-4,245
Depreciation	18,560	12,550	6,010
	84,689	**98,496**	**-13,807**

The Centre has been undertaking a program to rationalize our inventory of equipment and to put better tracking systems into place. As part of this initiative, the Centre will be offering various surplus assets for sale in 2026-27. Members will see such assets offered for sale on our Discourse channel first before they are offered the general public.

As outlined in the President's Report and Note 8, we received a significant donation from the estate of Richard Armstrong but we are not recognizing it as a donation until such time as the

Centre can be confident that we can deliver on the intent of the original donation. We are presently waiting on a legal opinion / direction to settle this matter. If the donation cannot be received in good faith, then the Board has indicated that the Centre will forward the net proceeds of the donation to an alternate charity.

As a result of this situation, I would like to encourage anyone who is planning to leave a significant donation to the Centre (or any charitable organization), to reach out to the Centre President to ensure that we can receive and utilize your donation in the manner that you would like it to be used. The Centre has a number of worthwhile projects and initiatives that could use directed financial support and we would be happy to discuss those projects with potential donors.

I would like to acknowledge the assistance of both Massimo Siciliano and Svetlana Rafailova of Clarkson Rouble LLP and Rosemary Lavoratore, CPA for their invaluable assistance in preparing these statements.

David Dunlap Observatory (DDO) Committee Report

Prepared by Phil Morrow



The DDO Committee of RASC-TO, arranges and oversees all outreach activities associated with the RASC-TC Partnership Agreement with the City of Richmond Hill.

Events Summary

Between October 1, 2025 and September 30, 2026, the DDO Committee hosted a total of **97 events**. In all **~3856 guests** were hosted during these events.

- **43 PUBLIC** events hosting **2379** guests.
- **51 PRIVATE** events hosting **977** guests;
- **3 Outreach** Events off-site hosting**~500** guests. (RHPublic Library, Markham Public Library, Ecole Chantal Benoit (French Language!)

There were **~15,000 visits** to the RHDDO during this summer season. This is compared to 15,211 in 2025 with the 90th Anniversary drawing over 3000 alone.

There were number of volunteers involved in coordinating these events. Special thanks to all the volunteers.

A detailed chart of events, volunteers and attendance is attached to this report.

Please see **Appendix A**

E.C. Carr Astronomical Observatory (CAO) 2025 Report

Prepared by Ralph Chou



CAO Committee members, **Ralph Chou (Chair), Jeff Booth, David Brodie, Elaine dos Santos, Grace Horvatin, Tony Horvatin, Genevieve Seabrook, Richard Sewards, Steven Spinney, Don Stewart, Ed Treijs and Christopher Troup**, conducted most of its business on the email forum and Zoom meetings.

Our **six CAO site Supervisors** were on duty most weekends between May and November except for those near Full Moon. They provided new user orientation training to several members who are now able to borrow keysets to the residence.

There were **21** individual and **13** family annual passholders purchased this year. Elaine dos Santos managed bookings and logged **231** bookings for bedroom use, **14** camping stays and **356** day visits. There was no Open House this year and fewer new users of the CAO have signed up for orientation. The Committee is looking for ways to encourage more use of the CAO in the next fiscal year.

Three MODLs changed ownership during the year and all but one of the lockers in the garage have been leased.

The fall work party was held on the weekend of 3 October 2025. Participants included Jeff Booth, Bob Bowdler, Dave Brodie, Kevin Cheryan, Ralph Chou, Elaine dos Santos, Gaetan Godin, Denis Grey, Tony Horvatin, Tom Luton, Richard Sewards and Don Stewart as well as University of Toronto volunteers Jessica Anirisaihan, Melodi Bozkaya, Nicole Jiang, Zehao Peng, Dr. Michael Reid and Mike Williams.

- In addition to the usual winterizing tasks such as storm window installation and lawn mower maintenance, the crew worked on the observing pad and the walkway to the Geoff Brown Observatory.
- The roof for the heat pump shelter was installed and the garage cleaned out and reorganized with installation of storage shelves. The roof of the Tony Horvatin

- Observatory was repaired and repainted. New LED ceiling lights were installed in the GBO warm room.
- The ground around the Sue Lora Observatory (SLO) was cleared of deadfall and a couple of sapling maple trees transplanted beside the driveway to replace dead trees.
- Meals and snacks were prepared by Elaine and Ralph.

This was an exceptionally warm sunny weekend that enabled the U of T students to experience the darker skies of the CAO after dinner before they returned to Toronto near midnight.

The CAO remained accessible through the winter thanks to the work of our snow-clearing contractor, but a couple of severe thaws resulted in severe damage to the roadbed along 6th Line. Our contractor made repairs to the road that allowed us to access the property for the remainder of the winter.

The spring work party was held on the weekend of 1 May 2026 and was attended by Thomas Bernard, Bob Bowdler, Dave Brodie, Denis Grey, Tom Luton, Claudio Oriani, Richard Seward, Maggie Smyth, Steven Spinney, Matteo Statti and Don Stewart as well as U of T volunteers Dr. Michael Reid and Mike Williams with students Alexis, Charles, Kabir, Luke and Nicole.

- In addition to the usual spring opening and cleaning up tasks, including removing the storm windows, cleaning the house windows, preparing the mowers and cutting the lawns, distributing picnic tables, spring cleaning in the observatories, and installation of the tarpaulin under the pergola, the crew finished building the heat pump shelter.
- Don Stewart made repairs to the alarm system and installed upgrades to all the computers. Denis Grey, Richard Sewards, Claudio Oriani and Don spent much of Saturday working on upgrades to the Paramount ME in the GBO.
- A motherboard was replaced and an Eagle minicomputer was installed on the 16-inch telescope to enable control of the telescope from the observing floor as well as the warm room computer station. Richard also prepared the telescope in the SLO for imaging with recently gifted ZWO cameras in addition to the existing rig for DSLR imaging.
- As the outdoor work was performed in near-freezing conditions with heavy snow showers, the hot food and snacks prepared by Ralph and Bob were much appreciated. Although she was unable to attend the work party, Elaine dos Santos provided additions to the menu.

Denis Grey continued the work of disposing of equipment donated to the Toronto Centre that were declared surplus to our needs. There is a steady stream of equipment donations that he continues to process providing the equipment is in good enough condition to be accepted in accordance with established policy.

During the summer, the Town of Blue Mountains repaired the winter damage to the 6th Line and regraded it along with 18 Sideroad. The ditches were also cleared to reduce the chance of washouts that would interfere with access to the CAO during the winter.

The generator was replaced this year after many years of service. Its prolonged operation after the catastrophic ice storm in 2025 caused damage that made repairs unfeasible. The new generator requires changes to the vent setup and maintenance schedule, work that will continue next year.

Public outreach programs began in the winter and ran through to the end of September. We did not have as many youth group camps as in previous years, but hosted visits by graduate students of the Lassonde School of Engineering, York University in June and participants of the Summer Undergraduate Research Program of the University of Toronto David A. Dunlap Department of Astronomy & Astrophysics in July. We also had our first booking of a private visit to the GBO.

A detailed chart of events and volunteers is attached to this report.

Please see **Appendix C**

The CAO continues to attract the interest of local groups of Grey and Simcoe Counties. **On 16 September, Dave Brodie gave a presentation on light pollution abatement** to the Council of the Municipality of Grey Highlands which is south of the CAO. Like the Town of Blue Mountains Council, there is some interest in introducing policies to encourage dark skies. His presentation was well received.

The Dunlap Institute is interested in bringing their outreach program to the CAO. This new partnership may result in free public nights next summer to run in parallel with our usual outreach program.

Durham Region Outreach Subcommittee Report

Prepared by Arnold Brody

In the 10 years since the Durham Region team joined the Toronto Centre and began outreach activity, we're proud to have shared astronomy with 36,000 people of all ages and cultures at 136 events, and raised over $10,700 in fees and honorariums to help fund TC activity.
Since the Durham subcommittee began holding outreach in 2016, we have held 140 events, volunteering over 2,700 hours, showing the heavens or delivering astronomy presentations to over 36,700 people.

During this time, the team raised $10,700 in net revenue, with 27% ($3025) raised by Warren Gallagher, a CN Railroad retiree, through Benevity donations based on his hours of volunteering.

The upward trend since the end of the pandemic of 2020-2021 levelled off in 2026 or took a modest step back. That's primarily a result of running/participating in 12 events in FY2026 compared to 16 the year before, a 25% drop. Some of that was due to poor weather for public events.

Our Millennium Square public stargazing events drew 2,000 visitors in total for the season, accounting for just under half of the 4,465 people we brought astronomy to this past year. Since the Durham Team began running these events under the RASC banner in 2016, we have shown the Sun, Moon and stars to 21,400 people at Millennium Square, accounting for 58% of our engagement with the public.

A detailed chart of events and attendance of **Durham Region Outreach 2025-2026 Activities** is attached to this report. Please see **Appendix B**.

My appreciation goes to my fellow Durham Region Outreach Subcommittee members for attending many events and contributing to monthly meetings:

- Eric Peters (8 events + monthly meetings)
- Dan McRae (4)
- Frank Dempsey (5)
- Warren Gallagher (4)
- Kevin Unger (8)

A heartfelt thank you to other Toronto Centre members who have volunteered their time at our events this year:

- Filip Popovic (3 events)
- James Lou (3)
- Li Granite (1)
- Ronald Tse (1)
- Vivien Brody (4)

RASC Toronto Monthly Events

Compiled by Mahesh Aravamudan

Recreational Astronomy Night

We had **11** Recreational Astronomy Nights, in hybrid as well as virtual formats. After our monthly recreational astronomy night meeting, York University also hosts public weekly stargazing in the Arboretum!

Our members got to show their latest projects and give tutorials and tips on just about everything to do with astronomy.

Special thanks to Andrew Reid, Ward LeGrow, Ennio Cellucci, Reza Mohamed, and Betty Reid for managing the livestream and YouTube presentations. The presentations were made available at https://www.youtube.com/rasctoronto/live.

A complete list of events for the year with details on date and the topics discussed are shown in Appendix D.

RASC Toronto Speaker's Night

We had **7** virtual Speakers Night hosted by **Rachel Ward-Maxwell**. Special speakers invited to these meeting shared their knowledge on current and leading-edge researches and discoveries in Astronomy. These were conducted by RASC, Toronto Centre in collaboration with York University.

Special thanks to Andrew Reid, Ward LeGrow, Ennio Cellucci, Reza Mohamed, and Betty Reid for managing the livestream and YouTube presentations. The presentations were made available at https://www.youtube.com/rasctoronto/live.

A complete list of events for the year with details on date and the topics discussed are shown in Appendix E.

Audio/Visual Committee Subcommittee Report

Prepared by Andrew Reid
(AV Committee Chair)

The AV Committee again has had a busy year. We have done **20 streaming events** to our YouTube channel – RASC Toronto. Of these, **Recreational Astronomy Night had 3 online only meeting**s and **10 hybrid meetings streamed from York University**; whereas **Speaker's Night had 7 online meetings**.

Of the 12 RAN Events, we edited and uploaded 30 individual presentations to generate more views. We had last year over 50,000 views for a total of 6,200 hours watched and 359 new subscribers to bring our total subscribers to 3,954. We hope to go over 4,000 subscribers soon.

Our **most popular video** is still **Big Binoculars with 10,512 views** (for a total of 63,700) in this fiscal year followed by Dr. Sarah Symons **"It's Sirius O'Clock: Astronomical Timekeeping in Ancient Egypt**" with 2,987 views (for a total of 34,400), then Building and Operating an AllSky Camera at 2,777 views (for a total of 3,700) and last but not least "Telescope Mirror Making Superb Polish with Cheap Slurry" with 2,217 views (for a total of 6,479).

Some of our **YouTube viewers** have come from the United Arab Emirates, Lebanon, Argentina, UK, Germany, Florida, Brazil, Chile, Sweden, the Netherlands, California, Oklahoma, North Carolina, British Columbia, Georgia, etc.

The AV committee would like to thank **Ward LeGrow, Ennio Cellucci, Reza Mohamed, and Betty Reid** for their valued contributions.

Telescope Loan Program report

compiled by Frank Dempsey

The RASC Telescope Loan Program is operated by 3 volunteers: Frank Dempsey, Mario Gagnon, and Kamesh Patel.
Telescopes are listed below with usage details for the period October 1, 2025 to September 30, 2026.

Telescope or item	Number of times loaned out	Number of weeks it was loaned out for
200 mm SCT Meade LX10	0	0
200 mm SCT Meade LX50	0	0
100 mm Dobsonian	0	0
90 mm Meade ETX	3	8
90 mm Celestron refractor	0	0
120 mm Newtonian reflector	0	0
Binoculars 10x50 mm	0	0
Coronado H-alpha solar scope	n/a	n/a
SkWatcher Star Adventurer tracker with Canon Rebel camera and tripod	n/a	n/a

Notes:

The Coronado solar scope includes a tripod which is flimsy and should be replaced.

For beginners wanting to borrow a telescope for the first time, I have met the borrowers with a selection of available small telescopes including the 90 mm ETX, 90 mm refractor, 120 mm Newtonian reflector, 100 mm Dobsonian, and Celestron 10x50 mm binoculars and showed the benefits and disadvantages of the different instruments. The most popular choices by the borrowers tend to be the 90 mm Meade ETX (optical tube). The mounts available include a Vixen Porta alt-az mount (most popular) as well as an Orion EQ3 equatorial mount.

Toronto Centre members can request a telescope by visiting the Telescope Loan Program webpage of the Toronto Centre website.

Observing Committee Report

By **Charles Yung and Alex Arjomand**
Co-chairs, Observing Committee

This report was prepared by the RASC Toronto Centre Observing Committee, covering the period from October 2025 to September 2026.

Observing Committee
The Observing Committee continued to be co-chaired by Charles Yung and Alex Arjomand.

Throughout the year, the Committee coordinated a variety of observing activities, including City Star Parties at Bayview Village and Long Branch Park, the Annual Algonquin Adventure (AAA), and efforts to identify new observing locations and expand public astronomy outreach.

The Committee remains grateful to all members and volunteers who generously contributed their time, telescopes, equipment, and experience to make these events possible.

City Star Parties
The 2026 Bayview Village City Star Party season ran from April through September. Despite unpredictable weather conditions, the Committee successfully held **five of the six scheduled monthly events**, with only June cancelled due to unfavourable weather.

The events attracted an average of **15 to 20 participants per evening**. It was particularly encouraging to see several RASC members becoming regular participants, bringing their telescopes and sharing their knowledge and enthusiasm with visitors.

The season concluded in September with one of the clearest observing nights of the year. Overall, the City Star Parties continued to provide valuable opportunities for public outreach while fostering a growing community of regular observers at Bayview Village.

Long Branch Park (LBP) City Observing
For the April to October 2026 observing season at the lakefront park, the LBP volunteer group chose to primarily focus on more indepth study of moon features and promoting interest in RASC National's Moon Observing Certificate programs.

Due to poor weather conditions, 4 of the 7 scheduled sessions were cancelled. Since structured observing programs require many sessions over time, it's difficult to gauge success. However, our "Explore the Moon" endeavor did spark some lively RASCTO forum chatter regarding moon observing and the in person attendees were enthusiastic. Plus, LBP is popular with transit users. We had participants arrive both on the streetcar and GO train. Transit access was one of the features we actually considered when selecting this site.

We will continue the "Explore the Moon" program in 2027.

The LBP group also sought to initiate Solar Observing at Humber Polytechnic Lakeshore Campus West (a short distance from Long Branch Park), in partnership with RASC Mississauga Centre (RASCM). The Mississauga Centre offered to support & participate with the Toronto Centre at this site. Humber expressed some interest in hosting. We will continue to pursue this initiative by considering development of a more structured educational outreach approach for solar observing.

Especially noteworthy was a presentation to the ZHR Polish Scouts of Canada (Long Branch) provided by Dr. Ralph Chou (RASCTC), Jo VandenDool (RASCM) and Lucy Winnicki (RASCTC) on April 21, 2026. The scouts had specifically requested information about different types of telescopes and how amateurs and professionals use them. The scouts were able to view Jupiter and Venus outdoors following the presentation.

Special thanks to Long Branch volunteers **Ed Trejis (RASCTO), Jo VandenDool (RASCM), and Lucy Winnicki (RASCTC)** for their contributions throughout the season.

Dark Sky Star Parties
Resuming Dark Sky Star Parties remains a priority for the Committee. The main challenge continues to be finding a suitable location with reasonably dark skies and public access after dark. The Committee is actively exploring city and provincial parks that remain open 24 hours a day.

One potential location is **Eldred King Woodlands**, near Markham Road and Aurora Road. The Committee will continue evaluating this and other locations, with the goal of resuming regular Dark Sky Star Parties for members and the public.

Annual Algonquin Adventure (AAA)
The 2026 Annual Algonquin Adventure was another highlight of the observing season. The Committee once again organized public stargazing activities at Algonquin Provincial Park, bringing together RASC members, astronomy enthusiasts, and park visitors for three evenings of observing.

Thursday and Friday – Two Excellent Observing Nights
Both Thursday and Friday offered clear skies and excellent opportunities for astronomical observing. More than 100 visitors participated in the public stargazing activities on each evening.

Visitors gathered around members' telescopes to observe a variety of deep-sky objects, including globular star clusters, nebulae, and galaxies. Members shared their knowledge and enthusiasm, introducing many visitors to the wonders of the night sky.

It was particularly encouraging to welcome several members participating in AAA for the first time, including Bersi, Nishat, and Dennis.

The Committee was also pleased to meet visitors who had learned about AAA through our participation in the York University AstroFair and subsequently travelled to Algonquin Park to join the event. This demonstrated the value of our outreach activities in promoting astronomy beyond individual observing events.

Saturday – Clouds, Campfire, and an Unexpected Clearing
Saturday's cloudy skies limited observing opportunities, although Charles managed to show visitors a star during a brief break in the clouds. As conditions remained unfavourable, the public observing session ended early.

Beyond stargazing, AAA has its own cherished traditions, including the Saturday afternoon ice cream gathering and the evening campfire. Members continued the tradition by gathering around the campfire that night, enjoying fellowship and sharing their experiences. Surprisingly, the skies began to clear shortly after the campfire started, providing an unexpected and memorable ending to the weekend.

Looking Ahead to AAA 2027
The Committee has identified **September 2–5, 2027**, over the Labour Day long weekend, as the dates for the next Annual Algonquin Adventure. These dates fall one week after Starfest 2027, providing another opportunity for members to participate in a major astronomy gathering before the end of the summer observing season.

Expanding City Star Parties into Scarborough
The Committee is exploring opportunities to expand City Star Parties into Scarborough in partnership with the City of Toronto, following suggestions from new committee members.

A trial star party held in the Morningside area of East Scarborough in September was a great success, demonstrating strong community interest in astronomy. As one organizer reported:

All said and done, this event was a huge success and shows that the people of East Scarborough value the night sky. We hope to do this again at some point.

Special thanks to Ronald and Qyuu for assisting with setup, cleanup, and the telescope station. The Committee hopes to build on this success and explore opportunities for regular City Star Parties in Scarborough.

Closing Remarks
The 2026 observing season was a rewarding year for the Observing Committee. Despite occasional weather challenges, we successfully maintained our City Star Parties at Bayview Village and Long Branch Park, hosted another well-attended Annual Algonquin Adventure, and explored new opportunities for public astronomy outreach across the Greater Toronto Area.

Looking ahead to 2027, the Committee will continue focusing on three priorities: maintaining our existing City Star Parties, identifying a suitable location to resume Dark Sky Star Parties, and supporting new observing initiatives in communities such as Scarborough.

We sincerely thank all RASC members, volunteers, and community partners for their contributions and look forward to another successful year of observing, sharing our passion for astronomy, and inspiring more people to explore the wonders of the night sky.`

Membership

RASC Toronto Centre 2025-2026 Membership Report

Prepared by
Mahesh Aravamudan

RASC Toronto Centre Membership History - as of September 30, 2026

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Life	76	76	76	75	74	69	67	66	64	64	63	64	62
Regular	549	592	587	537	538	540	488	526	470	445	469	403	383
Youth	23	28	33	30	38	30	21	27	35	34	64	60	56
Subtotal	648	696	696	642	650	639	576	619	569	543	596	527	**501**
Family*	*192*	*237*	*213*	*196*	*194*	*196*	*150*	*134*	*113*	*118*		*97*	*130**
Total	840	933	909	838	844	835	726	753	682	661	596	527	**501**

**130 /527 belong to Family Category*

Membership retention and growing membership continues to be a challenge at the Toronto Centre and in particular youth membership has been stagnant for over last few years and in fact decreased last year. There are efforts taken by the council in this regard, such as outreach activities in the community, partnering with Toronto Public libraries and by promoting competition at universities/college in astronomy related clubs and initiatives. We are open to hearing from the general membership on any new ideas that can address this.

RASC Toronto Centre 2025-2026 Member Advisor Report

Prepared by Grace Horvatin

This past year as the Member Advisor, I have **mailed out 198 Welcome packages** to new members. The welcome package includes a **Welcome Guide to Astronomy and a member's guide to the Toronto Centre RASC**. I also include any relevant information regarding meetings or events.

I have enjoyed connecting with our members and helping them get the most out of their membership.

Activity Summary

- Fielded a **total of 22** questions.
- 6 about volunteering
- 6 about trouble accessing the members area on the website, which is still an ongoing problem
- 7 CAO inquiries all about how to access the CAO or attend an orientation
- 2venue opportunities
- 1eclipse offer

Awards Citations, 2025-2026



Andrew Elvins Award 2025:
Awarded to Vivian Brody
One of the most important things we can do to promote an interest in astronomy is to make it appealing to children. And so, the **Andrew Elvins Award for 2025 is thereby awarded to Vivian Brody,** for her work in designing Astrocrafts for children and helping hundreds of pairs of small hands make them at multiple public outreach events over the last few years

Bertram J. Topham Award 2025
Awarded to Nishat Khan and Chris Vaughan
Two members of the RASC Toronto centre completed observing programs in the past year who we would like to acknowledge. Nishat Khan completed the Messier certificate, the third observing certificate in 5 years. Chris Vaughan completed Deep Sky Gems, the eighth observing certificate in 7 years. In recognition of these impressive observing feats the **2025 Bertram J. Topham Award is presented to Nishat Khan and Chris Vaughan.**

Ray Thompson Award 2025
Awarded to astrophotographer Kersti Meema
In April 2025, The Journal of the Royal Astronomical Society of Canada published an image of the Aurora Borealis taken from Ross Lake, Ontario. This photo was taken using a Canon EOS REBEL T5i mounted on a tripod. The RASC Toronto Centre would like to join The Journal in recognition of this image, by awarding the **2025 Ray Thompson Award to astrophotographer Kersti Meema.**

Ostrander-Ramsay Award 2025
Awarded to author Julian Samuel
In April 2025 the magazine Sky & Telescope published in it's Focal point column “From Lahore to Toronto; A Toronto based artist recounts his astronomical journey alongside his global journey” and for the writing of this essay the RASC Toronto Centre is pleased to present **the 2025 Ostrander-Ramsay Award to author Julian Samuel**

Charlene Norgrove Award 2025
Awarded to Louis Robinson and Walter Brunner
One of the RASC Toronto Centre's major efforts is outreach activities at the David Dunlap Observatory in Richmond Hill. Events both public and private occur on a near weekly basis. The RASC Toronto centre would like to acknowledge two volunteers for their work with the general

public at the DDO by awarding **the 2025 Charlene Norgrove award to Louis Robinson and Walter Brunner**

Jesse Ketchum Award 2025
Awarded to Denis Grey

For many years the Toronto centre has been the owner of a Takahashi EM 200 mount made in the 1990s. This mount has been in storage for years and was taken out and examined and found that the electronics had died from old age. Denis Grey spent several months getting the mount functional and upgraded it to modern standards by replacing the mount motors and adding a new control box with modern capabilities, and configured to handle the specific features of the Takahashi EM 200. For his hard work and skill in getting this mount operational and upgraded, **The RASC Toronto Centre presents the Jesse Ketchum Award to Denis Grey.**

H.A. Winearls Award 2025
Awarded to Ward LeGrow

Since the spring of 2017 the monthly meetings of the RASC Toronto Centre have been produced by a dedicated team of volunteers who record, mix, edit and broadcast our meetings onto the internet for the world to watch. In all of that time, Ward LeGrow has been in charge of audio, recording our voices, dealing with the occasional squeal of feedback, and making all of us sound good. In recognition of his hard work month after month the **RASC Toronto Centre awards Ward LeGrow the 2025 H.A. Winearls award.**

Toronto Centre Board of Directors for the year 2026- 2027

Proposed Directors for 2026- 2027

Executive

Honorary President 2027 - Bob Abraham
President 2028 - Scott Masterton
1st VP 2028 – Open (TBD)
2nd VP 2026 - Dr. Elaina Hyde
Secretary 2027 - Mahesh Aravamudan
Treasurer 2028 - Denis Grey
Recorder 2027 - Andy Beaton

Directors

Directors 2028 - Charles Yung
Directors 2028 - Charles Darrow
Directors 2028 - Steven Spinney
Directors 2027 - Ed Treijs
Directors 2027 - Tony Horvatin
Directors 2027 - Don Stewart
Directors 2029 - Andrew Reid
Directors 2029 – Aly Kamadia
Directors 2029 - Phil Morrow
Directors 2026 - Tanya Oleksuik

Past President 2026 - Tom Luton
Past President 2026 - Ralph Chou

Appendix A
DDO Summary of Events
Public Events

Date	Time	Event	Attendance	Volunteers
Q1				
2025-10-03	8:00:00 PM	Family Night (2H): Supermoon	58	Quinton Weyrich, Walter Brunner, Louis Robinson, James Luo, Denise Chilton
2025-10-11	8:00:00 PM	Speaker Night (2H): Tom Vassos	58	Quinton Weyrich, Oisin Lundon, Claudio Oriani, Katerina Osztertag
2025-10-26	12:30:00 PM	Sunday Sungazing (1H)	7	Phil Morrow, Walter Brunner
2025-11-01	7:30:00 PM	Family Night (2H): Howl at the Supermoon	58	Quinton Weyrich, Walter Brunner, Phil Morrow, James Luo, Louis Robinson, Kevin Cheriyan
2025-11-15	6:00:00 PM	Family Night (2H): Mariner 9	54	Quinton Weyrich, Phil Morrow, Walter Brunner, Li Granite, Alexander Georgakopoulos, Lefki Tourgelis
2025-11-26	6:00:00 PM	Astronomy Night, Ecole elementaire Chantal-Benoit	150	Zakaria Belhaj, Walter Brunner
2025-12-06	6:00:00 PM	Family Night (2H): Blue Marble	58	Quinton Weyrich, Walter Brunner, Louis Robinson, Phil Morrow, James Luo
2025-12-12	6:00:00 PM	Speaker Night (2H): Elisa Dong	40	Phil Morrow, Walter Brunner, Louis Robinson, Li Granite, James Luo, Quinton Weyrich
Q2				
2026-01-09	7:30:00 PM	How To Use Your Telescope (HTUYT)	3	Quinton Weyrich, Walter Brunner, Lefki Tourgelis, Zakaria Belhaj, Li Granite, Phil Morrow
2026-01-09	9:00:00 PM	Gigantic Jupiter	58	Quinton Weyrich, Walter Brunner, Lefki Tourgelis, Zakaria Belhaj, Li Granite, Phil Morrow
2026-01-24	7:00:00 PM	Family Night	32	James Luo, Denise Chilton, Louis Robinson
2026-02-14	7:30:00 PM	Speaker's Night	44	Louis Robinson, Walter Brunner, Patrick Wang, James Luo, Phil Morrow, Walter Brunner
2026-02-28	7:30:00 PM	Family Night	58	Quinton Weyrich, Li Granite, Louis Robinson, Walter Brunner, Phil Morrow, Denise Chilton, James Luo, Katerina Osztertag
2026-03-14	10:00:00 AM	March Break Space Action	20	Alexander Georgakopoulos, Lefki Tourgelis, Phil Morrow, Denise Chilton, Walter Brunner, Li Granite
2026-03-18	12:00:00 PM	March Break Out-of-this-World	20	Alexander Georgakopoulos, Katerina Osztertag, Lefki Tourgelis, Quinton Weyrich, Walter Brunner, Phil Morrow
2026-03-21	12:00:00 PM	March Break Sun Fun	36	Denise Chilton, Walter Brunner, Quinton Weyrich, Phil Morrow
2026-03-27	8:30:00 PM	Family Night	37	Denise Chilton
Q3				
2026-04-04	9:00 PM	Tom Talks	32	Walter Brunner, Claudio Oriani, Louis Robinson, Denise Chilton
2026-04-26	12:30 PM	Sunday Sungazing	17	Katerina Osztertag,
2026-05-01	9:30 PM	Family Night	25	Walter Brunner, Phil Morrow
2026-05-09	9:00 AM	Special Event: Doors Open Richmond Hill	536	Brunner, Janice Weyrich
2026-05-15	9:30 PM	Family Night	34	Georgakopoulos, Claudio Oriani
2026-05-31	12:30 PM	Sunday Sungazing	16	Walter Brunner, Claudio Oriani, Li Granite, Phil Morrow
2026-06-05	9:30 PM	Family Night	58	Quinton Weyrich, James Luo, Quinton Weyrich, Phil Morrow, Louis Robinson
2026-06-22	10:00 PM	Bring Your Own Binoculars Stargazing	13	Walter Brunner, Katerina Osztertag, Denise Chilton
2026-06-27	8:00 PM	Public	4	Denise Chilton, James Luo, Phil Morrow, Walter Brunner
2026-06-27	9:30 PM	Speaker's Night	58	Tourgelis, Alexander Georgakopoulos, Walter Brunner
Q4				
2026-07-11	7:30 PM	How To Use Your Telescope (HTUYT) - For RASC	2	James Luo, Claudio Oriani
2026-07-11	9:00 PM	Tom Talks Astronomy	49	Oriani, Quinton Weyrich, Janice Weyrich
2026-07-17	9:00 PM	Family Night	56	Lefki Tourgelis, Alexander Georgakopoulos
2026-07-23	9:30 PM	BYOB Stargazing	45	Denise Chilton, James Luo, Walter Brunner, Katerina Osztertag
2026-07-26	1:30 PM	Sunday Sungazing	2	Phil Morrow, Walter Brunner, Janice Weyrich
2026-08-07	9:00 PM	Family Night	55	Louis Robinson, Walter Brunner, Phil Morrow
2026-08-12	12:30 PM	Solar Eclipse at the Richmond Hill Public Library	50	Phil Morrow, Selena Yang, Louis Robinson, Walter Brunner, Denise Chilton, Lefki Tourgelis, Alexander Georgakopoulos
2026-08-20	9:00 PM	Summertime Drop-In Telescope Night	30	James Luo, Walter Brunner, Phil Morrow, Katerina Osztertag
2026-08-29	7:00 PM	How To Use Your Telescope (HTUYT) - For RASC	2	Louis Robinson, Phil Morrow, Quinton Weyrich
2026-08-29	8:30 PM	Tom Talks Astronomy	49	Louis Robinson
2026-08-30	1:30 PM	Sunday Sungazing	2	Walter Brunner, Walter Brunner
2026-09-01	8:30 PM	BYOB Stargazing	25	James Luo, Patrick Wang, Denise Chilton, Walter Brunner
2026-09-12	8:00 PM	Family Night	58	Walter Brunner
2026-09-24	5:00 PM	City of Markham Moon and Harvest Festival	300	James Luo, Phil Morrow, Vincent Ni, Rick Zeeman, Walter Brunner
2026-09-26	6:00 PM	Public	15	Robinson, Vincent Ni, Quinton Weyrich, Sonia Ahmadi, Phil
2026-09-26	7:30 PM	Tom Talks Astronomy	55	Robinson, Vincent Ni, Quinton Weyrich, Sonia Ahmadi, Phil
		Total attendance	**2379**	*1879 attendance at RHDDO only
		Green cells are special events		Highlighted cells are approximate numbers, not counted exactly
				Cyan cells are special events occurring outside Richmond Hill

DDO Summary of Events

Private Events

Date	Time	Event	Attendance	Volunteers
Q1				
2025-10-07	7:30:00 PM	Astronomy Experience (2H)	46	Walter Brunner, Phil Morrow, James Luo, Louis Robinson
2025-10-18	7:30:00 PM	Astronomy Experience (2H)	13	Louis Robinson, James Luo, Phil Morrow
2025-10-24	8:00:00 PM	Astronomy Experience (2H)	20	Louis Robinson, James Luo, Phil Morrow, Walter Brunner, Li Granite
2025-11-03	6:30:00 PM	Astronomy for Youth Service Groups (1.5H)	28	Walter Brunner, Phil Morrow, James Luo
2025-11-15	8:30:00 PM	Night at the Observatory (1H)	15	Phil Morrow, Li Granite, Walter Brunner
2025-11-18	6:00:00 PM	Night at the Observatory (1H)	12	Walter Brunner, Katerina Osztertag, Louis Robinson
2025-11-22	6:30:00 PM	Astronomy for Youth Service Groups (1.5H)	55	Walter Brunner, Phil Morrow, Louis Robinson
2025-11-22	8:30:00 PM	Astronomy Experience (2H)	16	Walter Brunner, Phil Morrow, Louis Robinson
2025-11-24	6:30:00 PM	Astronomy for Youth Service Groups (1.5H)	38	Walter Brunner, Katerina Osztertag, Phil Morrow
2025-12-02	10:30:00 AM	Astronomy Experience for Schools (2H)	23	Louis Robinson, Walter Brunner
2025-12-05	9:00:00 PM	Night at the Observatory (1H)	2	Louis Robinson, James Luo
Q2				
2026-01-24	9:30:00 PM	Night at the Observatory (NATO)	4	Louis Robinson, James Luo, Denise Chilton
2026-02-02	6:30:00 PM	Astronomy Experience for Youth Groups	23	Walter Brunner, Li Granite, Katerina Osztertag
2026-02-03	9:30:00 AM	Astronomy Experience for School Groups	54	Louis Robinson, Phil Morrow, James Luo, Katerina Osztertag, Li Granite
2026-02-08	9:30:00 PM	Night at the Observatory (NATO)	2	Louis Robinson, James Luo
2026-02-19	8:30:00 PM	Night at the Observatory (NATO)	13	Phil Morrow, Louis Robinson, James Luo
2026-02-28	10:00:00 PM	Night at the Observatory (NATO)	4	Quinton Weyrich, Li Granite, Louis Robinson, Walter Brunner, Katerina Osztertag, Phil Morrow
2026-03-09	7:00:00 PM	Astronomy Experience for Youth Groups	24	Louis Robinson, Li Granite, Louis Robinson, James Luo, Katerina Osztertag
2026-03-10	6:30:00 PM	Astronomy Experience (AE)	20	Walter Brunner, Phil Morrow
2026-03-11	8:00:00 PM	Night at the Observatory (NATO)	16	Robinson
2026-03-22	8:00:00 PM	Night at the Observatory (NATO)	2	Quinton Weyrich, Louis Robinson
2026-03-26	1:00:00 PM	Astronomy Experience for Schools	37	Louis Robinson, Phil Morrow, Walter Brunner
2026-03-26	8:00:00 PM	Night at the Observatory (NATO)	12	Phil Morrow, Walter Brunner, James Luo
Q3				
2026-04-15	9:30:00 AM	Astronomy Experience for School Groups	39	Louis Robinson, Phil Morrow
2026-04-20	9:30:00 AM	Astronomy Experience for School Groups	37	Morrow
2026-04-25	1:00:00 PM	Special Event: Discovery Day	108	Quinton Weyrich, James Luo, Quinton Weyrich, Phil Morrow
2026-04-25	8:30:00 PM	Astronomy Experience (AE)	38	Walter Brunner, James Luo, Louis Robinson, Phil Morrow
2026-04-28	9:30:00 AM	Astronomy Experience for School Groups	56	Quinton Weyrich, Louis Robinson
2026-05-17	9:30:00 PM	Astronomy Experience (AE)	10	Morrow, James Luo
2026-05-23	9:30:00 PM	Night at the Observatory (NATO)	4	Walter Brunner, Katerina Osztertag
2026-05-28	10:30:00 AM	Astronomy Experience for School Groups	20	Walter Brunner, Louis Robinson, Phil Morrow
2026-06-02	10:30:00 AM	Astronomy Experience for School Groups	43	Walter Brunner, Louis Robinson
2026-06-07	9:30:00 PM	Night at the Observatory (NATO)	20	Brunner, Louis Robinson
2026-06-12	9:30:00 PM	Astronomy Experience (AE)	22	Phil Morrow, Louis Robinson, James Luo
2026-06-15	9:30:00 PM	Night at the Observatory (NATO)	2	Phil Morrow, James Luo
2026-06-26	9:30:00 PM	Night at the Observatory (NATO)	4	Louis Robinson, James Luo
Q4				
2026-07-05	9:30:00 PM	Night at the Observatory (NATO)	12	Phil Morrow, James Luo
2026-07-10	9:30:00 PM	Astronomy Experience (AE)	5	Luo
2026-07-15	9:30:00 PM	Night at the Observatory (NATO)	20	Louis Robinson, James Luo, Katerina Osztertag
2026-07-25	9:30:00 PM	Night at the Observatory (NATO)	2	James Luo, James Luo
2026-07-27	9:30:00 PM	Night at the Observatory (NATO)	16	James Luo, Li Granite, Louis Robinson
2026-08-10	9:30:00 PM	Night at the Observatory (NATO)	10	Katerina Osztertag, James Luo, Walter Brunner
2026-08-16	8:30:00 PM	Night at the Observatory (NATO)	14	Brunner
2026-08-16	10:00:00 PM	Night at the Observatory (NATO)	2	Brunner
2026-08-21	8:30:00 PM	Night at the Observatory (NATO)	20	Walter Brunner, Quinton Weyrich, Walter Brunner
2026-08-22	8:30:00 PM	Night at the Observatory (NATO)	7	James Luo, James Luo, Quinton Weyrich
2026-08-23	10:00:00 PM	Night at the Observatory (NATO)	6	Quinton Weyrich, Louis Robinson
2026-09-09	8:30:00 PM	Night at the Observatory (NATO)	15	Walter Brunner, Louis Robinson
2026-09-09	10:00:00 PM	Night at the Observatory (NATO)	2	Walter Brunner, Louis Robinson
2026-09-12	10:30:00 PM	Night at the Observatory (NATO)	2	Quinton Weyrich, Walter Brunner
2026-09-24	9:30:00 PM	Night at the Observatory (NATO)	2	Brunner, Phil Morrow
			977	**Total attendance**
	Highlighted cells are approximate numbers, not counted exactly			Green cells are special events

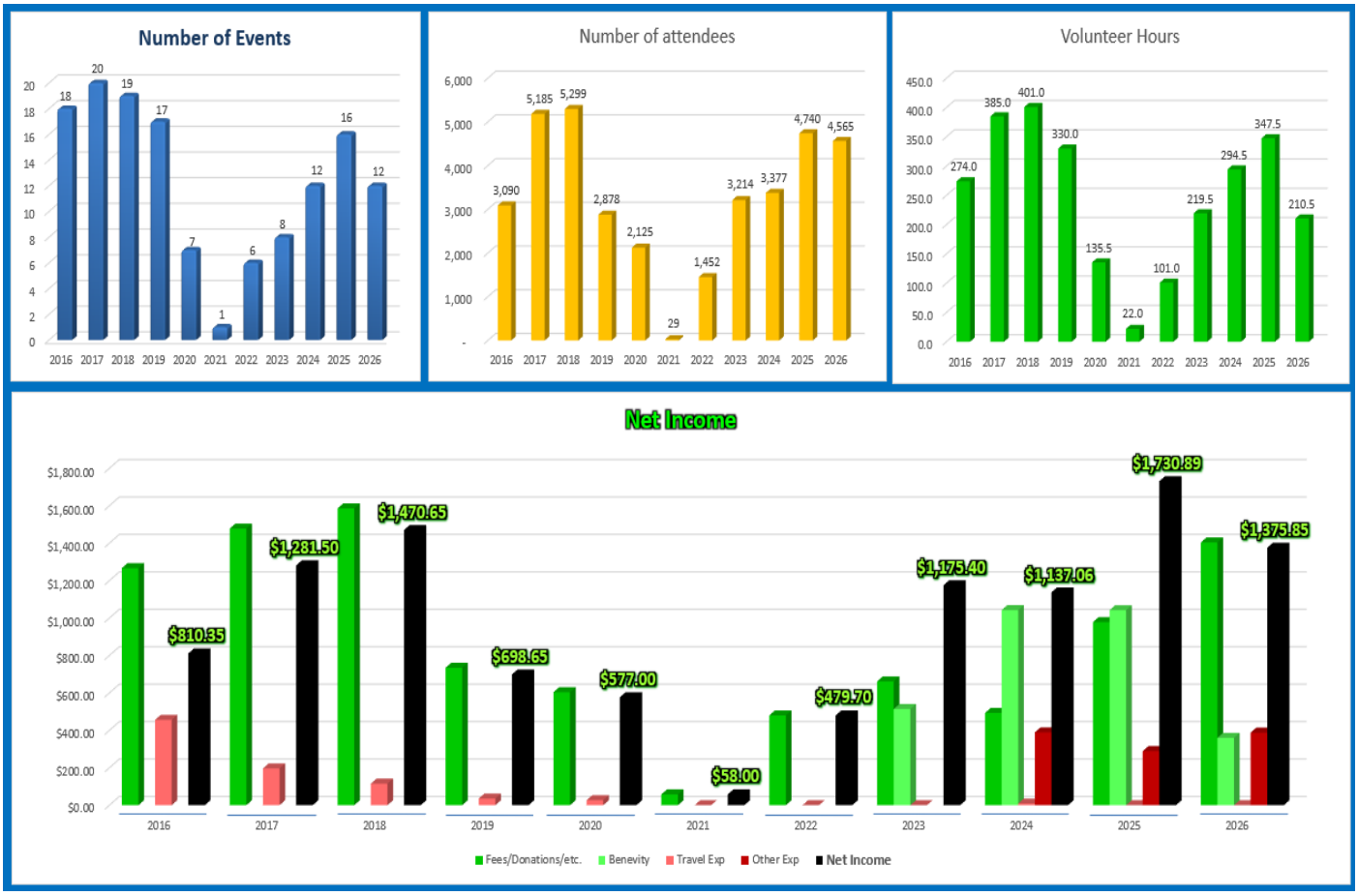
Appendix B

Durham Region Outreach 2025-2026 Activities

Date	Start	End	Duration	Group	Location	Number of Attendees	Fees Honorariums or Donations	Benevity Earned	Other Expenses	Net Income	Volunteer Hours	Volunteers Number	Volunteers Names
Q1 2026													
Sat. Oct 04, 2025	19:30	22:00	2:30	International Observe the Moon Night	Millennium Square	300	$22.00		$47.00	-$25.00	15.00	6	Arnold Brody, Kevin Unger, Eric Peters, Filip Popovic, James Lou, Frank Dempsey
Sat. Oct 11, 2025	11:00	12:00	1:00	Astronomy Crafts at Pickering Central Library	Pickering Central Library	25	$220.00		$20.00	$200.00	2.00	2	Arnold Brody, Vivien Brody
Sat. Oct 18, 2025	11:00	17:00	6:00	Ajax Pumpkinville Festival	Greenwood Conservation Area	1,300	$300.00		$0.00	$300.00	18.00	3	Eric Peters, Arnold Brody, Frank Dempsey
Q2 2026													
Mon. Feb 16, 2026	10:00	14:00	4:00	Winter WonderLearn	Courtice Community Centre	1000	$0.00	$75.00	$50.00	$25.00	20.00	5	Eric Peters, Arnold Brody, Vivien Brody, Warren Gallagher, Kevin Unger
Thu. Mar 12, 2026	18:30	20:00	1:30	1st Port Hope Girl Guides	St. Anthony's Catholic Elementary School	20	$145.00	$45.00	$120.00	$70.00	4.50	3	Arnold Brody, Vivien Brody, Warren Gallagher
Q3 2026													
Tue. May 12, 2026	11:00	12:00	1:00	Ritson Road Alliance Astronomy Presentation	Ritson Road Alliance Church	25		$0.00	$0.00	$0.00	1.00	1	Arnold Brody
Sat. May 30, 2026	19:30	23:00	3:30	1st Uxbridge Rangers	Camp Samac	10	$50.00	$0.00	$0.00	$50.00	10.50	3	Arnold Brody, Dan McRae, Frank Dempsey
Sat. Jun 06, 2026	19:00	0:00	5:00	Millennium Square public stargazing	Millennium Square	550	$36.30	$0.00	$47.00	-$10.70	25.00	5	Arnold Brody, Dan McRae, Kevin Unger, James Lou, Eric Peters
Q4 2026													
Fri. Jul 24, 2026	19:00	0:00	5:00	Millennium Square public stargazing	Millennium Square	650	$28.85	$90.00	$47.00	$71.85	40.00	8	Arnold Brody, Dan McRae, Kevin Unger, James Lou, Eric Peters, Filip Popovic, Warren Gallagher, Frank Dempsey
Fri. Aug 21, 2026	19:00	0:00	5:00	Millennium Square public stargazing	Millennium Square	500	$26.70	$90.00	$47.00	$69.70	40.00	8	Frank Dempsey, Eric Peters, Warren Gallagher, Ronald Tse, Kevin Unger, Dan McRae, Filip Popovic, Arnold Brody
Sat. Sep 05, 2026	18:00	23:00	5:00	Thornhill GCC member stargazing	Thornhill Golf and Country Club	70	$500.00			$500.00	15.00	3	Arnold Brody, Eric Peters, Kevin Unger, Dan McRae

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA, TORONTO CENTRE

Durham Region Outreach Statistics



2016 - 2026 Totals	
Events	136
Attendees	35,954
Volunteer Hours	2,721
Net Income	$10,795

RASCTO, Physics & Astronomy, Petrie Science & Engineering, Room 128
York University, 4700 Keele St, Toronto On, M3J 1P3
www.rascto.ca

Appendix C

CAO Outreach 2025-2026 Activities

Date	Event	Volunteers
29 Oct 2025	Lighthouse Probus Club	Ralph Chou, Chris Michlik
6 Feb 2026	32nd Toronto Scouts	Don Stewart
20 June 2026	Blue Mountain Bruce Trail	Ralph Chou
24 June 2026	Lassonde School of Engineering	Ralph Chou
7 July 2026	Pretty River Probus Club 1	Ralph Chou, Stephen Medd
8 July 2026	Pretty River Probus Club 2	Ralph Chou
10 July 2026	U of T SURP	Ralph Chou, Atul Dave
13 Aug 2026	L.E. Shore Memorial Public Library Lecture and Open House	Chris Vaughan, Don Stewart, Ian & Bev Donaldson
24 Aug 2026	Beaver Valley Bruce Trail Club	Ralph Chou
12 Sept 2026	Private visit to GBO	Tim Hunter
22 Sept 2026	Probus 4 Seasons Club	Ralph Chou, Ian Donaldson, Chris Vaughan. Maggie Smyth
28 Sept 2026	Grey Highlands Probus Club	Ralph Chou, Chris Vaughan

Appendix D

Recreational Astronomy Nights 2025-2026 Activities

Date	Location	Format	Topic
October 1, 2025	York University	Hybrid	The Sky This Month - Claudio Oriani Chris Vaughan: "Adventures at the Eyepiece – My Journey Through RASC's Visual Observing Programs and Beyond" Ron Macnaughton: "3I/Atlas: Speedy visitor from the galaxy"
November 5, 2025		On-line	The Sky This Month - Arnold Brody Adventures at the Eyepiece – My Journey Through RASC's Visual Observing Programs and Beyond - Chris Vaughan
December 3, 2025		On-line	The Sky This Month - Arnold Brody EM-200 – New Life for an Old Mount - Denis Grey **Immediately followed by the RASC Toronto Centre Annual meeting**
January 7, 2026	York University	Hybrid	The Sky This Month - Andy Beaton Occultation Results - Processing with Pyote - Denis Grey Determining the Rotation Period and Color Indices of Newly Discovered Potentially Hazardous Asteroid 2025 FA22 - Arushi Nath
February 4, 2026	York University	Hybrid	The Sky This Month - Arnold Brody The Astronomical Lyceum - John W. Briggs
March 4, 2026	York University	Hybrid	The Sky This Month - Denis Grey School Astronomy Clubs and How We can Help Them - Ron Macnaughton Occultation Results - Processing with Pyote - Denis Grey
April 1, 2026	York University	Hybrid	The Sky This Month - Arnold Brodie "How to Fool the World" - Jeff Booth
May 6, 2026	York University	Hybrid	The Sky This Month - Andy Beaton
July 8, 2026	York University	Hybrid	Claudio Oriani - The Sky This Month Denis Grey - "Paramount Upgrade - The Inside story!" Arushi Nath - "It's Rocket Science! Tracking the ARTEMIS II Mission using Open Science."
August 5, 2026		On-line	Andy Beaton - The Sky This Month Elaina Hyde - The 2026 York University Astro Fair
September 2, 2026		On-line	TSTM - Tom Luton Eclipses of 2026 - Ralph Chou

Appendix E

RASC Toronto Speaker's Nights 2025-2026 Activities

Date	Format	Topic
October 15, 2025	Online Only	Quasars: Black Holes You Can "See" Speaker: Prof. Patrick Hall, York University
November 19, 2025	Online Only	Structure, Composition, and Internal Dynamics of Rocky Planets Speaker: Prof. Charles-Édouard Boukaré, York University
February 18, 2026	Online Only	Cosmic Wonders with the James Webb Space Telescope Speaker: Nathalie Nguyen-Quoc Ouellette, PhD, Outreach Scientist for the James Webb Space Telescope in Canada collaborating with the Canadian Space Agency, Université de Montréal
March 18, 2026	Online Only	Venus: From Earth's Twin to a World Apart Speaker: Megan Russell, Research Associate, Planetary Science Institute
April 15, 2026	Online Only	RASCTO Speaker's and Social Night: To the Moon - With Robots and Humans (Online and Simulcast - In Person at David Dunlap Observatory (DDO)) Speaker: Dr. Gordon "Oz" Osinski, Professor, Department of Earth Sciences, Western University and Director, Canadian Lunar Research Network
May 6, 2026	Online Only	RASCTO Speaker's and Social Night: What can we learn from Interstellar Comets? (Online and Simulcast - In Person at David Dunlap Observatory (DDO)) Speaker: Dr. Jesse Rogerson, Associate Professor, Division of Natural Science, York University
September 16, 2026	Online Only	RASC Speaker Night (Simulcast) Radio astronomy in the land 'down under' Speaker: Dr Karen Lee-Waddell who is a Project Scientist for WALLABY RASC Toronto Awards Presentation: The annual awards presentation for the Toronto Centre

Appendix F
RASC Toronto Board of Directors: Major Motions and Resolutions for 2025-2026

Date of Proposal	Title	Motion Content	Proposed	Seconded	Approval				
					Date	For	Against	Abstain	Motion
Dec 12, 2025	Motion to appoint Rachel Ward-Maxwell as our 2nd VP	Motion to appoint Rachel Ward-Maxwell as our 2nd Vice President in charge of programming	Tom Luton	Elaina Hyde	Dec 21, 2025	15	0		Passed
Jan 21, 2026	Appoint James Luo as Chair of the Information Technology Committee, effective January 2026.		Denis Grey	Steven Spinney	Jan 26, 2026	12	0		Passed
Jan 21, 2026	MOTION REGARDING THE FAILED CAO EMERGENCY GENERATOR.	The chair of the CAO committee has made a motion to authorize the replacement of the 18Kw standby power generator servicing the Carr Observatory buildings..	Tony Horvatin	Tom Luton	Jan 24, 2026	15	0		Paased
Jun 16, 2026	Motion to Amend Committee Terms of Reference Document (ToR) ver. 2.0 at 2022-02-15 OF THE ROYAL ASTRONOMICAL SOCIETY OF CANADA, TORONTO CENTRE To ver. 3.0 at 2026-04-27		Scott Masterton	Ralph Chou	Jun 16, 2026	13	0	0	Passed
Jun 16, 2026	Motion to amend Bylaw Bylaw amendment Finance (deals with Chair of the Finance Committee by amending relevant articles of the Bylaw)	The present Bylaw #1 contains an error with respect to the Chair of the Finance Committee, it is moved to: Amend by replacement: 2.04.02 The Finance Committee Shall be chaired by the Treasurer To: The Finance Committee Shall be chaired by the 1st Vice-President	Scott Masterton	Ralph Chou	Jun 16, 2026	13	0	0	Passed
Jun 16, 2026	Motion to amend Bylaw Bylaw amendment Finance (deals with Chair of the Finance Committee by amending relevant articles of the Bylaw)	Amend by replacement: 4.05 Duties of the Treasurer To: The Treasurer shall be responsible for reporting to the Board	Scott Masterton	Ralph Chou	Jun 16, 2026	13	0	0	Passed

		about the financial transactions of the Centre and such other duties as may be required by law or as the Board may determine from time to time.							
Jun 16, 2026	Motion to amend Bylaw Bylaw amendment Finance (deals with Chair of the Finance Committee by amending relevant articles of the Bylaw)	Amend by replacement: 4.07 Duties of the 1st Vice-President To: The 1st Vice-President shall be designated Chair of the Finance Committee, to oversee the financial activities of the Society and assist the President in their duties and such other duties as may be required by law or as the Board may determine from time to time.	Scott Masterton	Ralph Chou	Jun 16, 2026	13	0	0	Passed
Jun 16, 2026	Motion to amend Bylaw No. 1	It is moved to amend Bylaw No. 1 by substituting the following in its text: In every instance "Council" is replaced by "Board"; and In every instance "Councillor" or "Councillors" is replaced by "Director" or "Directors" as is grammatically correct.	Scott Masterton	Ralph Chou	Jun 16, 2026	11	0	0	Passed
Jun 16, 2026	Motion to Amend Committee Terms of Reference Document (ToR) ver. 2.0 at 2022-02-15 OF THE ROYAL ASTRONOMICAL SOCIETY OF CANADA, TORONTO CENTRE To ver. 3.0 at 2026-04-27	Whereas The present ToR document contains unrecognized terminology according to ONCA regarding descriptions of The Board and Directors; i.e. Council and Councillors; it is moved to amend the ToR document as follows. In every instance the word "Council" is changed to" Board" or " the Board" and "Councillor" changed to "Director" or "Directors" as	Scott Masterton	Ralph Chou	Jun 16, 2026	12	0	0	Passed

		is grammatically correct. To view the complete amended copy of the document click here							
Jun 16, 2026	Motion to Amend Policy C3: Executive Committee	Replace with: Policy C3: Executive Committee To view the complete amended copy of the document click here	Scott Masterton	Ralph Chou	Jun 16, 2026	12	0	0	Passed