



Winter 2017

<http://gac.esd.mun.ca/sgtd>

THE MAIN THRUST

NEWSLETTER OF THE CANADIAN TECTONICS GROUP DIVISION OF THE
GEOLOGICAL ASSOCIATION OF CANADA



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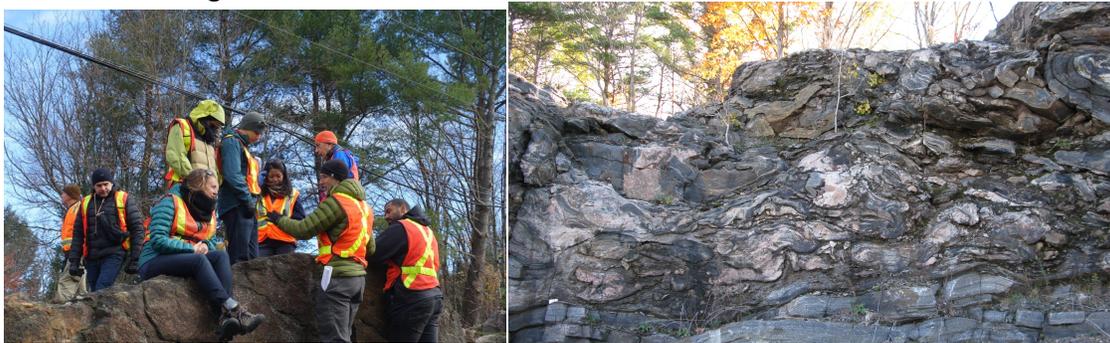
1. 2016 Canadian Tectonics Group Annual Workshop

The Canadian Tectonics Group (CTG) held their annual workshop at and around the Quality Inn in Bracebridge, ON, Oct. 21-23 2016. It was the 36th workshop since the CTG's formation in 1981.

And they all came. Meticulously organized by Toby Rivers, Fried Schwerdtner, and Dennis Waddington, the meeting attracted almost 60 participants. Many of them were CTG'ers of the first and second hour: founding fathers Paul Williams and Fried Schwerdtner, Willem Langenberg, Ray Price, Pierre Robin, and Phil Simony, who holds the record for number of meetings attended. But don't get fooled by the headline, there was plenty of emerging, young talent: approximately half of the participants were graduate students from various Canadian universities; groups from Dalhousie, McMaster, McGill, Queens, Sudbury, Waterloo, and Western with their project advisors. Government employees and industry workers complemented the academic crowd.

The workshop began for the early birds on Friday 2 pm with an informal geological walk across the town of Bracebridge while the rest of the group trickled in from all over the continent. The tour focused on good outcrops of variably strained granitoids comprising the Bracebridge antiform, a km-scale so-called cross-fold recently interpreted as a transtensional structure. The excursion continued until into darkness and the excursionists joined the meet-and-greet dinner in progress. Later in the evening, Toby Rivers gave a comprehensive introduction to the regional and local Grenville geology that provoked some animated discussion among the participants.

Saturday morning started with the typical hearty breakfast buffet, which was followed by a day's worth of 15 minutes talks and poster sessions. The workday ended with the second poster session. The oral presentations and poster sessions were complemented as being of a high quality. The evening opened with a cash bar followed by the conference dinner before 24 voting members and guests assembled for the CTG's semi-annual business meeting.



Sunday was the traditional field-trip day. Owing to the many narrow roads used, the motorcade was short this year: most participants were carried from outcrop to outcrop in a school bus. Temperatures could have been a bit higher, but weather was dry and still much more pleasant than at many previous CTG workshops. The trip emphasized major lenticular structures (foliation mega-boudins?) in the Muskoka domain of the Ottawa River Gneiss Complex, western Grenville Province. Some participants left the field trip

after the brown-bag lunch, which was consumed at a scenic small lake, in order to catch their flights out of Pearson.

You can download the field guide and the program-with-abstracts volume from the CTG website: <http://gac.esd.mun.ca/sgttd/>

Feel free to experience the CTG spirit via LinkedIn (>420 members), Facebook (388 likes) and our email discussion list (details on the CTG website: <http://gac.esd.mun.ca/sgttd/>). There you will also find documentations of many previous CTG workshops since 1981. The field guides give a great overview of Canada's geology from coast to coast.

The CTG thanks the organizers for their excellent work. Next year's workshop will be in Kelowna, BC. And since the CTG is an informal group, everybody can participate, including you.

See you in October 2017!
Jürgen Kraus
CTG secretary
jkraus@franconia-geo.com



2. Students: apply for a grant of up to \$600 to attend the Back To Where It Began GAC-MAC Meeting in Kingston, Ontario

CTG will once again provide support to enable two students to attend the GAC-MAC Meeting. Priority will be given to a student or students who are presenting talks or posters, and who wish to attend either of the sponsored field trips (see Section 3 below). Students should contact the CTG Chair (dawn.kellett@canada.ca), attaching a copy of a submitted abstract, together with a short cover letter including:

- A budget of the costs associated with attendance, including travel, and other sources of funding available;
- A statement indicating why you wish to attend the meeting and field trip, and how you expect to benefit from them;
- A transcript or transcripts of your academic record.

Deadline: March 31, 2017

3. Tectonics and structural geology at the 2017 Kingston GAC-MAC meeting

CTG SPONSORED SESSIONS

T1: Development of Accretionary Orogens: a Symposium Celebrating the Career of Cees van Staal – *Brendan Murphy (St. Francis Xavier); Shoufa Lin (Waterloo); Alex Zagorevski (GSC); David Schofield (BGS).*

T2: The Metamorphic Architecture of Orogenic Belts – *Dawn Kellett (GSC); Natasha Wodicka (GSC).*

Keynote speakers: Clare Warren (The Open University), Aphrodite Indares (Memorial University), Mike Williams (University of Massachusetts).

T3: Archean Cratons and Their Rifted Margins: Stratigraphic Systems, Tectonics, Secular Evolution and Metallogeny– *Wouter Bleeker (GSC), Mike Hamilton (U of T).*

T4: Fault Architecture, Mechanics, Fluids, and Seismicity – *Laurent Godin (Queen's); Jamie Kirkpatrick (McGill); Isabelle Coutand (Dalhousie).*

Keynote speakers: Djordje Grujic (Dalhousie), Joseph Clancy White (UNB), Ed Nissen (UVic), Alexis Ault (Utah State U).

GE2: Geology of Canada in 3D: new geoscience compilations and related digital tools and methods – *Rob Harrap (Queen's), Boyan Brodaric (NRCan), Dave Synder (NRCan), Marc St-Onge (NRCan), Hazen Russell (NRcan).*

Keynote speakers for this session include: Harvey Thorleifson (Minnesota Geological Survey), Ed Sudicky (University of Waterloo).

CTG SPONSORED FIELD TRIPS

Field trip: New Insights into the Tectonic and Metamorphic Architecture of the Composite Arc Belt and the Frontenac-Adirondack Belt near Perth, Ontario, Grenville Orogen – *Michael Easton (Ontario Geological Survey).*

This is a Pre-conference field trip, Duration: 1 day (May 14). Maximum 30 participants and cost is \$169.50.

Field trip: Tectonic and Metamorphic Architecture of the northeastern Composite Arc Belt and the Central Metasedimentary Belt boundary tectonic zone, Grenville Orogen – *Manuel Duguet (Ontario Geological Survey (OGS)) and Michael Easton (OGS).*

This is a Post-conference 4-day field trip and starts in Kingston on the morning of May 18 (Thursday) and ends in Kingston the evening of May 21 (Sunday). Max is 25 and cost is \$734.50.

Field trip: Accreted terranes of the Newfoundland Appalachians – *Cees van Staal & Alex Zagorevski*

This is a Post-conference 5-day trip beginning in Stephenville, Nfld May 20th and ending in Gander, Nfld May 24th. Cost is \$1243.00, not including travel to and from Nfld.



4. 37th CTG Fall Workshop in 2017

We are pleased to announce that Kyle Larson (UBC-O) and Dan Gibson (SFU) will host the 37th Annual Canadian Tectonics Group workshop in Kelowna, British Columbia.

The field trip will follow a transect west to east across the width of the Shuswap metamorphic complex. The field trip will focus on the transition from lesser deformed, lower grade metamorphic rocks of the superstructure and higher grade, partially melted and penetratively-deformed rocks of the infrastructure for the southern Canadian Cordillera.

There are three possible weekends being considered by the organizers. If you would like to provide them with feedback on your preferred, follow [this link](#) to indicate your preferred date.

According to the CTG historical geographical rotation, the 2018 meeting should come back to central Canada – we are currently accepting suggestions, nominations, and volunteers!

5. Winners of Jack Henderson awards for best theses

The following awards were made for theses defended in 2014 or 2015:

PhD thesis prize:

Jessica Shaw, University of Victoria for the thesis: *“Oroclines of the Iberian Variscan belt: Tectonic and paleogeographic implications”*

Supervised by Stephen Johnston (Dante Canil, Eileen Van der Flier-Keller and Terri Lacourse).

MSc thesis prize:

Noah Phillips, University of New Brunswick for the thesis: *“The micromechanics of phyllosilicate-rich fault zones: Case studies from the Minas fault zone, Nova Scotia, Canada and the San Andreas Fault, California, USA”*

Supervised by Joe White.

Congratulations to both winners and their supervisors!

6. Call for Submissions for the Jack Henderson Best MSc Thesis Award and Best PhD Thesis Award.

We are calling for submissions for the Jack Henderson Award for Best MSc Thesis and Best PhD Thesis.

Eligibility: Theses submitted to and successfully defended in a Canadian university in the 2016 calendar year are eligible.

Deadline: Submissions must be received before 23:59 Eastern time, February 28, 2017.

Submission Package: The complete submission package should include a statement of nomination letter and the complete thesis.

The statement of nomination letter should be written by the supervisor or a thesis examiner. It should include the following: a statement that the thesis was successfully defended in 2016, a summary of key contributions of the thesis to structural geology and tectonics with particular reference to specific chapter(s), and a statement of the duration for completion of the thesis. If necessary, a statement of any extenuating circumstances that may have delayed completion.

Who can submit: The thesis supervisor, the student, or any member of the division can make a submission. In the event the student submits the thesis, the onus is on the student to make sure that a statement of nomination letter will be submitted. Incomplete submissions will not be considered for an award.

You can submit by email attachments, if the files are less than 25MB, a secure download site (such as a shared dropbox folder), or by post mail of a CD or USB to:

Dr. Dazhi Jiang (CTG vice-Chair)

Department of Earth Sciences

Western University

1151 Richmond Street

London, ON

N6A 5B7

Email: djiang3@uwo.ca

7. Winner of the David Elliott Best Paper award

The Dave Elliott award for best paper in Canadian structural geology and tectonics, with publication year 2015, was awarded to:

Mark Higgins, Lindsay M. Schoenbohm, Gilles Brocard, Nuretdin Kaymakci, John C. Gosse, and Michael A. Cosca, entitled “New kinematic and geochronologic evidence for the Quaternary evolution of the Central Anatolian fault zone (CAFZ)” which was published in *Tectonics*, 2015, volume 34, 2118-2141, has been selected as the winner of the Dave Elliott award for best paper, the annual award of the Canadian Tectonics Group of the Geological Association of Canada. Congratulations to Mark and co-authors!

Many thanks to those who read papers and submitted nominations. Without your work this award would not be possible.

Forthcoming Dave Elliott Best Paper Award

We are also calling for submissions for the **Best Paper Award**. Your councillors will prepare a shortlist of papers written *by authors based in Canada or dealing with Canadian topics* and *with a publication date in the 2015 calendar year*. Priority will be given to peer-reviewed publications. Submissions from the membership are also welcome and should include a PDF file of the paper in PDF format. Submissions by the authors will also be considered. We will appoint a small committee of individuals not involved with any of the shortlisted papers to review the shortlisted papers and select a winner. These submissions should be sent before **February 28, 2016** to: Dawn Kellett (CTG Chair): dawn.kellett@canada.ca

8. CTG Business Meetings

Business meetings of the CTG were held at the GAC-MAC meeting in Whitehorse, Yukon, and at the CTG workshop in Bracebridge, Ontario in 2016. Minutes are included below.

The next CTG business meeting will be held at GAC-MAC annual meeting in Kingston, Ontario in May 2017.

CTG business meeting Whitehorse, Yukon; June 2016

Date: Thursday, June 2, 2016
Location: Room A2402 – Yukon College, Whitehorse, Yukon
Present: 16 members
Chaired: Dan Gibson, CTG Vice Chair
Minutes taken by: Dawn Kellett

Agenda

1. Approval of Minutes of last meeting at CTG, Sydney (NS)

John Waldron moved, seconded by Joel Cubley. All were in favour.

2. Matters arising, not covered below

No such other matters arose.

3. Financial report

Treasury:

4. Awards presentations

5. CTG fall meeting 2016 announcement & planning for 2017

6. GAC 2017 – Kingston, ON. CTG sponsorship of Special Sessions

7. Election of new Executive (Chair and Vice-Chair)

8. Other business

1. Approval of Minutes of last meeting at CTG, Sydney (see accompanied document)

Minutes were circulated by email. Motion to accept minutes of previous meeting
MOVED by John Waldron
SECONDED by Joel Cubley
Motion CARRIED

2. Matters arising, not covered below
No business arose.

3. Treasurer's report (Submitted by A.V. Okulitch)

Treasurer's report, 31 December 2015

<i>Balance, 31 Dec 2014:</i>	<i>\$ 5658.19</i>
<i>Bank charges:</i>	<i>- 31.50</i>
<i>Interest:</i>	<i>+ .88</i>
<i>PhD thesis award:</i>	<i>- 500.00</i>
<i>Student travel to CTG:</i>	<i>- 1200 .00</i>
<i>MSc thesis award (donated to Nepal):</i>	<i>- 200.00</i>
<i>Best paper prize:</i>	<i>- 200.00</i>
<i>Balance, 31 Dec 2015</i>	<i>\$3527.57</i>

No membership dues have yet been received for 2014 or 2015.

Treasurer's report, as of 24 May 2016

<i>Balance, 31 Dec 2015:</i>	<i>\$ 3527.57</i>
<i>Bank charges:</i>	<i>- 9.00</i>
<i>Interest:</i>	<i>+ .01</i>
<i>PhD thesis award:</i>	<i>- 500.00</i>
<i>Student travel to CTG:</i>	<i>- 1200.00</i>
<i>MSc thesis award</i>	<i>- 200.00</i>
<i>Best paper prize:</i>	<i>- 200.00</i>
<i>CTG meeting reimbursement</i>	<i>- 1650.00</i>
<i>CTG meeting fees</i>	<i>+ 1650.00</i>
<i>Membership dues 2014, 2015</i>	<i>\$ 1940.00</i>
<i>Interim Balance, 24 May 2016</i>	<i>\$ 3,358.58</i>

Detailed treasurer's report not available at time of meeting (no power cord for Dan's laptop), but it appeared to meeting participants that CTG balance is decreasing at rate of ~\$1000/year. It was suggested that CTG could look to other organizations (e.g. CFES, industry) to fund our student travel awards to CTG/GAC meetings, field trips, enabling CTG to balance the budget in the coming few years.

Motion: CTG will set up a committee to identify external sources of funding from earth science organizations and industry to fund student travel to meetings, workshops, and field trips.

Moved by: John Waldron

Seconded by: Kathy Bethune

All in favour.

4. Awards

a. GAC Student support:

The following two students are awarded \$600 to subsidize their participation at GAC and a Field trip

- **Andrea Morgan**, Department of Geoscience, University of Calgary (BSc)
- **Victoria Stinson**, Department of Earth Sciences, University of Saskatchewan (PhD)

Cheques were presented to the students.

b. Dave Elliott award for best paper: I am happy to announce that the paper by **Mark Higgins, Lindsay M. Schoenbohm, Gilles Brocard, Nuretdin Kaymakci, John C. Gosse, and Michael A. Cosca**, entitled “*New kinematic and geochronologic evidence for the Quaternary evolution of the Central Anatolian fault zone (CAFZ)*” which was published in *Tectonics*, 2015, volume 34, 2118-2141, has been selected as the winner of the Dave Elliott award for best paper, the annual award of the Canadian Tectonics Group of the Geological Association of Canada. Congratulations to Mark and co-authors!

Many thanks to those who read papers and submitted nominations. Without your work this award would not be possible.

None present at meeting – Dan indicated that congratulations have already been sent to Mark and coauthors.

c. Jack Henderson prizes for best theses:

The PhD thesis prize goes to: **Jessica Shaw**, University of Victoria for the thesis: “*Oroclines of the Iberian Variscan belt: Tectonic and paleogeographic implications*” Supervised by Stephen Johnston (Dante Canil, Eileen Van der Flier-Keller and Terri Lacourse).

The MSc thesis prize goes to: **Noah Phillips**, University of New Brunswick for the

thesis: “*The micromechanics of phyllosilicate-rich fault zones: Case studies from the Minas fault zone, Nova Scotia, Canada and the San Andreas Fault, California, USA*”
Supervised by Joe White.

Thank you to all those who submitted theses to the competition, it was an impressive selection to evaluate. It is heartening to see the excellence of research involving structural geology and tectonics in Canada and that it is alive and strong!

Thanks also to all those who have assisted in the review and evaluation process. Without your hard work we would not be able to make these awards.

Jessica Shaw was present to receive her award.

5. CTG fall meeting 2016 announcement

Fried Schwerdtner, Toby Rivers, and Dennis Waddington will organize the 36th CTG workshop in the Muskoka region north of Toronto on October 21 – 23, 2016. Details below (and there is a link on the CTG website):

Muskoka CTG 2016 will take place at the Quality Inn Bracebridge, Ontario. Assuming a minimum attendance figure of ~30 people, the organizers envisage running the field trip on Sunday, October 23. As in Orillia’ 2005, this would permit us to have a large number of short talks on Saturday, October 22.

Possible aims of the field trip: To introduce the rocks of the Muskoka domain of the Grenville Province, and visit well-exposed parts of the Germania lenticular structure, an interpreted megaboudin north and east of Bracebridge.

At this stage I would be grateful for an estimate of how many people we are likely to have. Please email Fried (fried.schwerdtner@utoronto.ca) if you are planning on attending this meeting.

According to the CTG pattern, the 2017 workshop will be held in western Canada. We will need volunteers to organize this. Kathryn Bathune has suggested to bring the workshop in the Seabee mine area (situated in the Glennie domain), Saskatchewan. We welcome any other suggestions at this time.

Update: Kathy Bethune and Paul Kramer propose holding the 2017 workshop at the Seabee mine site. Silver Standard is the current owner/operator. Flight costs and logistics still unknown at this time. Paul may attend fall meeting to share details. La Grange was suggested as a back-up in the case of poor weather conditions. Paul should provide some details of logistics before fall meeting to CTG, so that other workshops can be suggested if the Seabee area proves not feasible.

6. GAC 2017 – Kingston, ON. CTG sponsorship of Special Sessions

Update: David Corrigan and Dawn Kellett are involved in the organizing committee for GACMAC 2017 and indicated that there was already an internal call (Queen's, GSC) for special sessions and field trips. There will be a Structure Geology and Tectonics theme with three sessions. CTG should identify in the coming months which sessions and field trips we will sponsor, as our student support is often based on that sponsorship. Dawn Kellett and Laurent Godin are the field trip co-chairs. Please contact them asap if you have a field trip idea.

7. Election of New Executive

Both the Chair (Laurent Godin) and the Vice-Chair (Dan Gibson) of the Canadian Tectonics Group are stepping down from the Executive of the GAC Division at the end of their three-year term on June 1st 2016. A Nomination Committee, made up of Shoufa Lin, David Corrigan and Laurent Godin, have prepared a list of nominations (that have agreed to serve if elected!), which is now presented to the Membership (according to the CTG Constitution, Article IV):

Nominations for Chair: Dawn Kellett (GSC)

Nominations for Vice-Chair: Dazhi Jiang (Western University)

An election should be held for any positions that have received more than one nomination. Otherwise, single nominations only need to be ratified.

No other candidates were nominated.

David Corrigan proposed a motion to ratify as Dawn Kellett as chair and Dazhi Jiang as vice-chair for the next three years. Kathy Bethune seconded. All in favour.

RATIFIED CHAIR: Dawn Kellett

RATIFIED VICE-CHAIR: Dazhi Jiang

8. Other business

Past chair (Laurent Godin) and vice chair (Dan Gibson) automatically appointed councillors for the next three years. Nomination committee will review current councillors and their terms of service. Nomination committee will provide suggestions for new councillors where appropriate.

Resources for Future Generations meeting will be held at the Vancouver Convention Centre in 2018. David Corrigan will prepare a flyer to post on the CTG website.

Motion to close meeting.

Moved by Lucia Theny, seconded by David Corrigan. All in favour.
Meeting adjourned: 6:30 pm

CTG business meeting Bracebridge, Ontario; October 2016

(Minutes remain unofficial until approved at a following business meeting.)

Date: October 22, 2016
Location: The Quality Inn, Bracebridge, ON
Present: 24 members (CTG Chair Dawn Kellett was connected via Skype)
Chaired: Dazhi Jiang, CTG Vice Chair
Minutes taken by: Jürgen Kraus, CTG Secretary

Joe White made the motion to call the meeting to order at 9:03 pm, Laurent Godin seconded. All were in favour.

Agenda

1. Approval of Minutes of the last meeting at GAC in Whitehorse on June 2, 2016 (sent to members by email in early October)

David Corrigan made the motion to approve the minutes, Joe White seconded. All were in favour except Bruno Lafrance, who abstained. The motion was carried.

2. Matters arising, not covered below

No such matters arose.

3. Financial matters

a) Treasurer's report (submitted by A. Okulitch)

Treasurer's report, as of 24 May 2016

Balance, 31 Dec 2015:	\$ 3527.57
Bank charges:	- 9.00
Interest:	+ .01
PhD thesis award:	- 500.00
Student travel to CTG:	- 1200.00
MSc thesis award	- 200.00
Best paper prize:	- 200.00
CTG meeting reimbursement	- 1650.00
CTG meeting fees	+ 1650.00
Membership dues 2014, 2015	\$ 1940.00
Interim Balance, 24 May 2016	\$ 3,358.58

As of 24 Aug 2016

Balance, 31 Dec 2015:	\$ 3527.57
Bank charges:	- 26.00
Interest:	+ .02
PhD thesis award:	- 500.00
Student travel to CTG:	- 1200.00
MSc thesis award	- 200.00
Best paper prize:	- 200.00
CTG meeting reimbursement	- 1650.00
CTG meeting fees	+ 1650.00
Membership dues 2014, 2015	\$ 1940.00
Interim balance 24 Aug 16	\$ 3335.59

Dazhi presented the above financial reports submitted by Andrew Okulitch just before the meeting. Given that CTG membership is \$970/year and the awards plus student support are \$2100/year, CTG runs a deficit of about \$1200/year. If continued, this will get CTG to red in less than 3 years from now.

Laurent Godin pointed out that the best PhD thesis award was already reduced to \$300.00 in an effort to balance the account. Whether the membership dues (\$1940) were for two years (2014 and 2015) or just one year (2015) also needed clarification.

If the dues are indeed for one year and the PhD award is \$300.00 now, then the CTG account is healthy. Dazhi will follow up with Andrew Okulitch on this matter after the meeting.

b) CTG workshop surplus spending

Dazhi pointed out that CTG workshops had been run self-balanced, usually. Occasionally, some small surplus arose. Community's feedback is solicited on what to do with the surplus. For instance, do we refund the student participants? The consensus was to keep it in the account as refunding is too complicated. Besides, the student registration fees are already at reduced rate.

4. CTG sponsorship of Special Sessions, Field Trips at GAC 2017

The following sessions and field trips will be sponsored by CTG at the 2017 GAC:

- a) Development of Accretionary Orogens: a Symposium Celebrating the Career of Cees van Staal – Brendan Murphy (St. Francis Xavier); Shoufa Lin (Waterloo); Alex Zagorevsky (GSC); David Schofield (BGS).

- b) Archean Cratons and Their Rifted Margins: Stratigraphic Systems, Tectonics, Secular Evolution and Metallogeny – [Wouter Bleeker](#)(GSC), Mike Hamilton (U of T).

- c) Fault Architecture, Mechanics, Fluids, and Seismicity – Laurent Godin (Queen's); Jamie Kirkpatrick (McGill); Isabelle Coutand (Dalhousie).

- d) The Metamorphic Architecture of Orogenic Belts– Dawn Kellett (GSC); Natasha Wodicka (GSC).

Field trips

Pre-conference field trip: New Insights into the Tectonic and Metamorphic Architecture of the Composite Arc Belt and the Frontenac-Adirondack Belt near Perth, Ontario, Grenville Orogen – Michael Easton (Ontario Geological Survey).

Duration: 1 day (May 14): The trip will begin and end in Kingston, Ontario. Maximum 30 participants.

Accreted terranes of the Newfoundland Appalachians – Cees van Staal & Alex Zagorveski
This five day trip will take you from Stephenville to Gander showing spectacular geology framed by the beauty and ruggedness of Newfoundland.

5. 2016 Best Thesis awards, Best Paper award

People were reminded to submit MSc and PhD thesis for consideration of the best thesis awards as well as nomination of papers for the David Elliott award. The community were also asked to help, as in the past, with the evaluation of the submitted theses. The 2016

Best M.Sc. winner Noel Phillips, who was not present at the 2016 GAC meeting to receive the presentation of the award, was present at the meeting and received applause by the crowd.

6. CTG workshops in 2017, 2018

The 2017 meeting will be held in the west, and the 2018 meeting in central Canada.

Dawn Kellett, through Skype, updated the audience of the status of an earlier suggestion to possibly hold 2017 CTG meeting at the Seabee Gold Mine in Saskatchewan. However, the potential organizer Kathy Bethune, U of Regina, has recently become department head and has therefore no time. There were also other logistic issues. This will be kept in mind for future reference.

Potential organizers for the 2017 workshop could be Dan Gibson (Simon Fraser), Kyle Larsen (UBC), Lori Kennedy (UBC), John Waldron (UofA), and Stephen Johnston (UofA). The location could be Jasper. Willem Langenberg would help out with the organization.

Ideas for the 2018 workshop in central Canada included the eastern townships of Québec (suggested by David Corrigan) or Flin Flon (which could be organized by Alfredo Camacho).

The CTG executives will follow up with these suggestions after the meeting for the organization of next CTG workshop(s).

7. Other business:

a) Jürgen Kraus pointed out the benefits of social media in addition to our website: The CTG Facebook group has presently 376 members with a mostly young [at heart] demographic: Facebook is the fastest and most flexible source of information, as pictures can be posted instantly, and the information comes to the “users” automatically. The recent message advertising our free field guides reached 1024 people in one week. Users can leave comments. Facebook is a great tool to balance our age structure. Please “like” it if you haven’t done so yet – and recommend it to your friends and colleagues.

The CTG LinkedIn Group has presently 421 members and is a great vehicle to reach industry geologists.

Both, Facebook and LinkedIn can be used to attract people to our website.

b) Christie Rowe pointed us to this website <https://sgtfuturedirections.wordpress.com>

in order to request participation in a communal effort to prepare a report on “Future Directions in Tectonics” (supported by NSF-EAR-1542001). In this context, Laurent Godin asked for ideas to develop and fund a big national research program under the aspect: what are the important questions in structural geology and tectonics. Laurent and Christie suggested a one-day brainstorming at GAC/Mac Kingston 2017. Bruno Lafrance mentioned the \$104 Mio metal earth research program as an example.

- c) The crowd thanked the organizers Toby Rivers, Fried Schwerdtner, and Dennis Waddington, and the organizers thanked everybody for coming.

It was moved by Joe White, seconded by Shoufa Lin, that the meeting be closed.

The meeting was adjourned at 9:52 pm.

9. Current CTG Executive and Councillors

Chair: *Dawn Kellett*, Geological Survey of Canada, Dartmouth

Vice Chair: *Dazhi Jiang*, University of Western Ontario, London

Secretary: *Jürgen Kraus*, Franconia Geoscience Ltd., Calgary

Treasurer: *Andy Okulitch*, Geological Survey of Canada, Vancouver

Current Councillors:

Kathryn Bethune, University of Regina

Normand Goulet, Université Québec à Montréal

Lyal Harris, Institut national de la recherche scientifique, Québec

Mary Louise Hill, Lakehead University, Thunder Bay

Camille Partin, University of Saskatchewan, Saskatoon

Deanne van Rooyen, University of Cape Breton, Sydney

John Waldron, University of Alberta, Edmonton

Joseph C. White, University of New Brunswick, Fredericton

Laurent Godin, Queen’s University, Kingston

Dan Gibson, Simon Fraser University, Burnaby

Shoufa Lin, University of Waterloo, Waterloo