

Mathematics Society Council Minutes

October 16, 2013

The following voting members were in attendance:

- Stéphane Hamade (President; Feds Math Councillor)
- Matthew Cheung (VPF)
- Jazbel Wang (VPE)
- Catherine Sun (VPA)
- Josh Tsai (AS; Speaker)
- Isabel Ji (AS; Secretary *pro tempore*)
- Xujin Ma (Stats)
- Jack Gao (CS)
- Willis Liu (Math Studies)
- Febrian Sidharta (Stats; CRO; Feds Math Councillor)
- Andy Baek (First-Year)
- Bryan Qiu (First-Year)
- Katherine Liu (First-Year)
- Keegan Parker (First-Year)
- Tristan Potter (First-Year)
- Kevin Shi (SE)
- Abby Hu (Business)

The following voting members were not in attendance:

- Haris Hyder (VPO)
- Sean Hunt (PM, AM, C&O)
- Sumit Singh (CS)
- Jessica Chau (Business)
- Elizabeth McFaul (Business)
- David Wang (Business)
- Taruna Kaur-Singh (Business)
- Michael Tu (SE)
- Paul Song (AS)

The following non-voting members were in attendance:

- Gayle Goodfellow (Representative of the Dean)
- Lily Holmes (Office Manager)
- Sacha Forstner (Senator)

The following guests were in attendance:

- Dominik Chlobowski (CSC)
- Jeff Henry (SSO)
- Amy Woroach (CECA)

Executives' reports were given by Catherine, Stéphane, and Matthew.

Amy Woroach of the CECA gave a presentation about the new WaterlooWorks system to replace JobMine and system-related process changes currently being considered. More information at

<https://uwaterloo.ca/co-operative-education-career-action-systems/> or email aworoch@uwaterloo.ca

Jeff Henry, the SSO Manager of Student Development presented strategies to support student involvement and leadership at Waterloo. Contact jeff.henry@uwaterloo.ca for more information.

The regular meeting of the Mathematics Society Council was called to order at 7:03 PM. The Speaker was in the chair and the Secretary *pro tempore* was present.

Stéphane moved to ratify the following first-year representatives:

- Andy Baek
- Bryan Qiu
- Katherine Liu
- Keegan Parker
- Tristan Potter
- Kevin Shi (SE)

The motion was adopted.

Sacha gave a presentation on behalf of Feds Student Budget Committee about the GM motion to reduce Feds Student Fee, and to cap Feds fee increases at CPI for three years. Contact sforstner@uwaterloo.ca for details.

Stéphane moved to amend the CSC budget as follows:

- "C++: Going Native" item increased from \$250 to \$400
- "Faculty Talks" item increased from \$80 to \$120
- "Member Talks" item increased from \$80 to \$140
- "Security Talks" item increased from \$240 to \$480

The motion was adopted.

Febrian gave a CRO report on first-year election results.

Matthew gave a report on Mathletics alternatives.

Isabel moved a motion, which after debate and amendment read "to task the Vice-President, Finance to investigate possible modifications to Clubs Funding Policy in order to prevent clubs from accumulating membership fees in their bank accounts, and report back by the meeting following immediately after October 29th". The motion was adopted.

Febrian moved to change *MathSoc Policy 1, Elections Procedure Part 1.1.1: Composition and Appointment* from

The Elections Committee shall be a standing committee of Council. The Committee shall be comprised of five members. The chair of the Committee is referred to as the Chief Returning Officer. Members shall serve on the Committee for the term in which they are appointed.

At the start of each Fall term, Council shall appoint the Elections Committee as soon as possible. In other terms, Council need not appoint the Committee unless a by-election is required; if a by-election is required, then Council shall appoint the Committee as soon as possible.

Prior to the appointment of the Committee during a term, if urgency demands it, the President may exercise the powers of the Committee in a way consistent with its duties.

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The Elections Committee shall be a standing committee of Council. The Committee shall be comprised of five members. The chair of the Committee is referred to as the Chief Returning Officer. Members shall serve on the Committee for the term in which they are appointed.

In terms when a by-election is required, the President shall exercise, or appoint a temporary Chief Returning Officer to exercise, the powers of the Committee in a way consistent with its duties. The President, or the temporary Chief Returning Officer, shall run a by-election with the nomination period starting on the first day of classes of the term. The temporary Chief Returning Officer's duty and power shall cease when the by-election's result is reported to Council.

At the start of each Fall term, Council shall appoint the Elections Committee as soon as possible. In other terms, Council need not appoint the Committee unless a further by-election is still required after the by-election conducted by the President or temporary Chief Returning Officer; if a further by-election is required, then Council shall appoint the Committee as soon as possible.

The motion was adopted after debate.

Febrian moved to change *MathSoc Policy 1, Elections Procedure Part 1.5.6: Resolution* from

*The elections shall be resolved through the Schulze STV Method, as described by Martin Schulze in the 2011 paper *Free Riding and Vote Management under Proportional Representation by the Single Transferable Vote*. The Schulze STV Method generates an ordered ranking of all possible sets of candidates of size equal to the number of available seats. For each term, the highest set in the ranking containing only candidates eligible for that term shall be the winning set; in the event of multiple such sets, if any are disqualified (per the definition in the paper) by other such sets ranked equally, then they shall be discarded. If there are still multiple sets remaining, then the winning set shall be selected by use of the tiebreaking vote;*

the sets shall be ordered by the tiebreaking vote, and then the first set in lexicographic order under the tiebreaking vote shall be the winning set.

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The elections shall be resolved through the BC STV Method.

For each term, candidates that are not eligible for that term shall be excluded from calculation.

For election for single seat, if there is a candidate that gathers the majority of the highest ranked votes, the candidate shall be elected; if there is no such candidate, the candidate with the lowest amount of votes shall be excluded from the calculation and their vote shall be distributed to the next highest ranked candidate in the vote. This method shall be repeated until there is a candidate with the majority of the votes.

For elections of multiple seats, the quota to be elected is number of votes/(number of seats available + 1). If there is a candidate that gather more votes than the aforementioned quota, the candidate shall be elected and their votes' weight shall be discounted to $1 - \text{quota}/(\text{elected candidate's number of votes})$ and redistributed to the next highest ranked candidate in the vote; if there is no such candidate, candidate with lowest amount of votes shall be excluded from the calculation and their vote shall be distributed to the next highest ranked candidate in the vote without any discount. This method shall be repeated until all seats are filled or there is equal number of candidates with seats available.

Should there be a tie, the highest ranked candidate in the tiebreaking vote shall be elected.

Stéphane moved to postpone the motion. The motion was adopted.

Council went into confidential session.

Council left confidential session.

The meeting was adjourned at 8:25 PM.