

Entomological Society of Ontario Annual Meeting

Program – DRAFT

GLFC – Great Lakes Forestry Centre, 1219 Queen St. E, Sault Ste. Marie, Ontario.

Friday 14 October

17:00 – 18:45	ESO Governing Board Meeting	GLFC – Director’s Board Room
19:00 – 22:00	Welcome Reception	Delta Sault Ste. Marie Waterfront Hotel – Simpson Room

Saturday 15 October

8:00-9:00	Breakfast	GLFC – Cafeteria
9:00-9:10	Welcome and Introduction	GLFC – Roberta Bondar Room (A103)
9:10-9:55	Opening Plenary	GLFC – Roberta Bondar Room (A103)
9:55-10:30	Break & poster viewing	GLFC – Cafeteria
10:30-12:00	Student presentations	GLFC – Roberta Bondar Room (A103)
12:00-13:00	Lunch & poster viewing	GLFC – Cafeteria
13:00-14:00	Student presentations	GLFC – Roberta Bondar Room (A103)
14:00-14:25	Lightning presentations	GLFC – Roberta Bondar Room (A103)
14:25-15:00	Break & poster viewing	GLFC – Cafeteria
15:00-17:00	Regular session	GLFC – Roberta Bondar Room (A103)
17:00-18:30	Free time	
18:30-22:30	Banquet	Mill Market / Entomica

Sunday 16 October

9:00-10:00	ESO AGM	GLFC – Roberta Bondar Room (A103)
10:00-11:00	IPQL tour	GLFC – IPQL
10:30	Whitefish Island/Soo Locks	Whitefish Island/Soo Locks
1200	Departure	

Saturday 15 October

Roberta Bondar Room

OPENING PLENARY

Moderator: Chris MacQuarrie

- 9:10 **Allison, J.D.**
Interactions of *Sirex noctilio* in North American Pine Forests.
- 9:25 **Garvon, J.**
Non-lethal estimation of insect populations along Great Lakes shorelines, or How to justify a new GoPro from your research funds.
- 9:40 **Wen, F. , S. Hooey, P. Krell , G. Caputo, S. Bowman, K. Pinkney, J. Duan, G. Quan, M. Cusson, B. Arif, and D. Doucet**
Establishment of a fat body cell line from the Emerald Ash Borer, *Agrilus planipennis*, (Coleoptera: Buprestidae) and analysis of its transcriptional response to Azadirachtin.
- 9:55 **Refreshment break: Sponsored by Keyence Canada**

Saturday 15 October

Cafeteria

PRESIDENT'S PRIZE POSTER COMPETITION

10:00-10:30 & 12:00-12:30 PRESENTERS TO BE AT POSTERS

- PP-01 **Degasparro, S.**
New range records from a headwater in a beef pasture provide evidence of agricultural streams as important habitat for invertebrates.
- PP-02 **Doward, K., J.N. McNeil, and K.A. Hobson**
Where do the army worm come from? Using stable isotopes to study the migration of *Pseudaletia unipuncta*.
- PP-03 **Fleming, K. and D. Beresford**
Range expansion pattern of *Carabus granulatus* Linnaeus (Coleoptera: Carabidae) in eastern North America
- PP-04 **Langer, S., C. Kyle, and D. Beresford**
Urban effects on blow fly species diversity across Canada
- PP-05 **Skuse, T.**
Japanese knotweed Psyllid *Aphalara itadori*: A biological control agent for invasive knotweeds
- PP-06 **Turnbull, K.F., J.N. McNeil, and B.J. Sinclair**
Overwintering energetics and microhabitat selection in the western bean cutworm
- PP-07 **Vezenyi, K.**
Distribution of Syrphidae in northern Ontario.

Saturday 15 October

Roberta Bondar Room

PRESIDENT'S PRIZE ORAL COMPETITION – SESSION 1

Moderator:

- 10:30 **Awde, D.**
Intra-caste variation in a eusocial sweat bee, *Lasioglossum laevissimum*.
- 10:45 **Dancau, T., T.L.M. Stemberger, P. Clarke and D.R. Gillespie**
Is competition superior to parasitism for biological control? The case of spotted wing drosophila (*Drosophila suzukii*), *Drosophila melanogaster* and *Pachycrepoideus vindemmiae*.
- 11:00 **Des Marteaux, L. and B.J. Sinclair**
Effects of cold acclimation on structure and transport function in insect ionoregulatory tissues.
- 11:15 **Dolson, S.**
TBD
- 11:30 **Duff, L.**
Evidence for extended parental care in the eastern carpenter bee, *Xylocopa virginica*.
- 11 :45 **Jiménez Padilla Y., M-A Lachance, and B. J. Sinclair**
Effect of gut-associated yeasts on *Drosophila melanogaster* performance.

Saturday 15 October

Cafeteria

CONTRIBUTED POSTER SESSION

12:00-12:30 PRESENTERS TO BE AT POSTERS

- CP-01 **Scott-Dupree, C., A. Gradish, K. Hunter, H. Fraser, and T. Gariepy**
Efficacy of insecticides for control of brown marmorated stink bug (*Halyomorpha halys* Stål) nymphs in Ontario
- CP-02 **Roe, A.D., C. Duff, R. Hamelin, K. Hoover, M. Keena, C. Landry, M. Javal, S. Juan, A. Roques, and Y. Wu**
Biosurveillance of Alien Forest Enemies (bioSAFE): Pathway analysis and diagnostics of Asian Longhorned Beetle
- CP-03 **Raine, N.**
TBD

Saturday 15 October

Roberta Bondar Room

PRESIDENT'S PRIZE ORAL COMPETITION – SESSION 2

Moderator:

- 13:00 **Laur, W.**
Trichoplusia ni (Hübner) attraction to transgenic *Solanum lycopersicum* (L): Exploring transgenic trap crops for the cabbage looper moth.
- 13:15 **Loewen, E., S. Dolson, and M.A. Smith**
An investigation of Staphylinidae functional diversity along a neotropical elevation.
- 13:30 **Muzzatti, M.**
Wing Interference Patterns (WIPs) – A Potential Tool for the Identification of Sciomyzidae.
- 13:45 **Scott, C., S. McCann, and M. Andrade**
The mating dynamics of western black widows: new insights from field observations.

Saturday 15 October

Roberta Bondar Room

LIGHTNING PRESENTATIONS

Moderator:

- 14:00 **Blackman, C.**
Native plants provide enemy-free space for *Lilioceris lillii*.
- 14:05 **Fraser, H.**
New pest issues in Ontario horticulture in 2016
- 14:10 **Fraser, H., E. Richard, and C. Scott-Dupree**
Status of ambrosia beetles in high-density apple orchards in southern Ontario.
- 14:15 **Hallett, R.H., S. McGregor, J. Williams, and J.D. Heal.**
Discovery of a parasitoid attacking the invasive swede midge in Ontario.
- 14:20 **Otis, G.W.**
The value of entomology field courses.
- 14:25 **Refreshment break: Sponsored by Keyence Canada**

Saturday 15 October

Roberta Bondar Room

CONTRIBUTED ORAL PRESENTATIONS

Moderator:

- 15:00 **McCann, S., C. Scott, and M. Andrade**
Alien (spider) invaders: *Enoplognatha ovata* wreak havoc on a coastal arthropod community
- 15:15 **Raine, N.E., G.L. Baron, M.J.F. Brown, and D.A. Stanley**
Insecticide impacts on bumblebees: from colony founding to pollination services
- 15:30 **Richards, M. and V. Lewis**
Experimentally induced alloparental care in a small carpenter bee
- 15:45 **Shorthouse, J.**
Comparison of complexity and intelligence among cynipid gall wasps and wild roses
- 16:00 **Smith, J., T. Baute, and A. Schaafsma**
Assessment of the role of neonicotinoid seed treatments to manage early season corn pests
- 16:15 **Smith, M.A.**
When ants get up; they sure get brown
- 16:30 **Scott, I.**
Evaluating the interaction between buckwheat *Fagopyrum esculentum* (Polygonaceae) and wireworm (Coleoptera: Elateridae) species.
- 16:45 **Szűcs, M., U. Schaffner, P. Salerno, J. Littlefield, B. Teller, K. Shea, and R. Hufbauer**
Evaluating the efficacy of pure and hybrid populations of a biological control agent