2027 Pollination Symposium

Lévis, Québec | January 29–30, 2027

Theme 1 | Innovative Pollination Practices & Technologies

Theme 2 | Innovations for High-Performance Pollination Colonies

Theme 3 | Economic Innovation in Commercial Pollination

Theme 4 | The Future of Pollination: Emerging Challenges & Innovative Solutions

Friday, January 29

Time	Speaker and affiliation	Presentation	Length
08:00 – 08:10	Maggie Lamothe-Boudreau, agr., MSc and Rod Scarlett **Canadian Honey Council**	Welcome and opening remarks	10 min
08:10 – 08:40	Keynote Lauren Fann, PhD **Almond Board of California**	Cultivating Collaboration: How the Almond Board Supports Pollinator Health	30 min
08:40 – 09:00	Gilles Deshors, Beekeeper, Entrepreneur **Miellerie des Gorges de la Loire, France**	Optimizing Honey Bee Pollination: Stimulation, Feeding and Water Management for Healthy, High-Performing Colonies	20 min
09:00 – 09:20	Brandon Millen, Blueberry grower **East Coast Wild Blueberry Ltd., Nova Scotia**	Commercial Pollination in Wild Blueberries	20 min
09:20 – 09:40	TBC	Cranberry pollination (title TBC)	20 min
09:40 – 10:10	Stéphanie Levasseur, Vice-President **Union des producteurs agricoles (UPA)**	TBC Sponsored by the UPA	30 min
10:10 – 10:40	**Coffee break**		30 min
10:40 – 11:00	Marie-Pascale Beaudoin, Horticulture and Organic Agriculture Advisor **Québec Ministry of Agriculture, Fisheries and Food (MAPAQ)**	TBC	20 min
11:00 – 11:20	Stéphanie Gagnon, PhD **McGill University**	Plant–Pollinator Interactions in Quebec Cranberry Agroecosystems	20 min
11:20 – 11:40	Alvaro De la Mora, PhD, Postdoctoral Fellow **University of Saskatchewan**	Increased Colony Strength and Antibiotic Use Contribute to Good Outcomes in Blueberry Pollination	20 min
11:40 – 12:00	M. Marta Guarna, PhD, Research Program Director **Project Apis m.**	Blueberry pollination and brood diseases: Insights from PAm-funded research and other recent studies	20 min
12:00 – 12:20	Courtney MacInnis, PhD, Postdoctoral Fellow **University of Lethbridge**	You Are What You Eat: How Diet Quality Influences the Behaviour and Physiology of Lotmaria passim-Infected Bees	20 min
12:20 – 13:35	**Lunch**		75 min
13:35 – 13:55	Geoff Wilson, Provincial Apiculture Specialist **Saskatchewan Ministry of Agriculture**	Effects of Spring Supplement Feeding Timing and Type on Honey Bee Health	20 min
13:55 – 14:15	Andrée Rousseau, MSc, Research Scientist and PhD Student **CRSAD / Université Laval**	Quebec Queen Banking Project: From Research to Best Practical Guidelines	20 min
14:15 – 14:35	Kathryn Knowles, MSc Student **University of Lethbridge**	Nourishing Queen Quality: The Role of Nutrition in Weight, Pheromone Composition and Worker Retinue Response of Caged Honey Bee Queens	20 min
14:35 – 14:55	TBC	Biosecurity and interprovincial hive movement (format TBC)	20 min
14:55 – 15:15	Alison McAfee, PhD **University of British Columbia**	Methyl Oleate and Larval Pheromones Reduce Supersedure Cell Initiation and the Amount of Royal Jelly Fed to Queen Larvae	20 min
15:15 – 15:45	**Coffee break**		30 min
15:45 – 16:05 TBC	Valérie Fournier, Professor **Université Laval**	Enhancing Pollinator Habitats for Resilient Fruit Production : Insights From 19 Years of Research in Québec	20 min
16:05 – 16:25	Nuria Morfin, PhD, Assistant Professor **University of Manitoba**	Highbush Blueberry Pollination in North America: Costs and Revenues	20 min
16:25 – 17:05	Keynote Jeff Pettis, PhD **Pettis and Associates LLC**	Do Deadout Colonies Carry Over Pathogens? Reuse and Cleaning of Used Equipment	40 min
17:05 – 17:15	Maggie Lamothe-Boudreau, agr., MSc and Rod Scarlett **Canadian Honey Council**	End-of-day Transition	10 min

Saturday, January 30

Time	Speaker and affiliation	Presentation	Length
08:00 – 08:10	Maggie Lamothe-Boudreau, agr., MSc and Rod Scarlett **Canadian Honey Council**	Day 2 Welcome	10 min
08:10 – 08:40	Gilles Deshors, Beekeeper, Entrepreneur **Miellerie des Gorges de la Loire, France**	Boosting Efficiency in the Apiary: Innovations and Practical Equipment for Migratory Beekeeping in France	30 min
08:40 – 09:00	TBC	TBC	20 min
09:00 – 09:40	Pollination in Practice (moderator TBC) Panelists TBC	Panel: Commercial pollination economics and practices from beekeeper and grower perspectives	40 min
09:40 – 10:10	**Coffee break**		30 min
10:10 – 10:40	Keynote Jeff Pettis, PhD **Pettis and Associates LLC**	Coming to an Apiary Near You? Tropilaelaps Distribution and Rapid Detection Methods	30 min
10:40 – 11:00	Heather Broccard-Bell, PhD **NOD Apiary Products**	Finding Solutions: Recent Field Trials Using Formic Pro to Combat Tropilaelaps in Asia and Europe	20 min
11:00 – 11:20	Fairo Dzekashu, PhD, Postdoctoral Fellow **University of Lethbridge**	Buffering the Burn: Pollinators Tip the Balance Under Heat and Drought	20 min
11:20 – 11:40	Brendan Daisley, PhD, Postdoctoral Fellow **University of Guelph**	Unravelling an Emerging Queen Cell Disease Associated with Melissococcus plutonius	20 min
11:40 – 12:00 TBC	TBC	Canola pollination (title TBC)	20 min
12:00 – 13:15	**Lunch**		75 min
13:15 – 13:35	Danika Strelaeff, MSc student **University of Manitoba**	Preliminary Results of the DWV Honey Bee Vaccine	20 min
13:35 – 13:55	Midhun Sebastian Jose, Postdoctoral Fellow **University of Saskatchewan**	Investigation of Melissococcus plutonius Persistence in Beekeeping Equipment and Implications for Disease Control Through Decontamination	20 min
13:55 – 14:15	Steve Pernal, PhD, Research Scientist **Agriculture and Agri-Food Canada**	Effects of a Novel Miticide on Colony Development and Queen Health	20 min
14:15 – 14:35	Nico Coallier, Beekeeper and Chief Technology Officer **Nectar Technologies**	Meli: A Bioacoustic Tool for Rapid Colony Grading and More	20 min
14:35 – 15:05	**Coffee break**		30 min
15:05 – 15:35	Keynote Lauren Fann, PhD **Almond Board of California**	Looking Ahead: The Future of Pollinator Health in California Almond Production	30 min
15:35 – 15:55	CAPA Award MSc Winner	TBC	20 min
15:55 – 16:15	CAPA PhD Winner	TBC	20 min
16:15 – 16:35	Lorne Prins **Gull Lake Honey Company**	Evolution of Honey Crops and Pollination in Canada	20 min
16:35 – 17:15	Final panel / discussion (moderator TBC) Panelists TBC	Panel: What comes next for Pollination in Canada?	40 min
17:15 – 17:25	Maggie Lamothe-Boudreau and Rod Scarlett **Canadian Honey Council**	Key Takeaways and Next Steps	10 min

Scientific Posters

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Speaker and affiliation	Poster title
Nico Coallier, Beekeeper and Chief Technology Officer **Nectar Technologies / Miellerie Flavo**	The Impact of Reishi Supplementation on Honeybee Survival and Colony Performance
Marilène Paillard, MSc, Apiculture Project Manager **CRSAD**	Impact of Drone Brood Management on Colony Health and Varroa destructor Dynamics in Honey Bees
Jemma Todoschuk, MSc student **University of Lethbridge**	Vairimorpha ceranae (Nosema) Effects on Winter Worker Honey Bee (Apis mellifera) Vitellogenin Level and Lifespan
Laurence Plamondon, PhD student and Apiculture Project Manager **CRSAD**	Assessing the Genotyping Potential of Various DNA Sources Across the Honey Bee (Apis mellifera) Colony
Medhat Nasr, PhD, Apiculture Research Scientist **Saskatchewan Beekeepers Development Commission**	Advancing the Development of a New Miticide to Control Varroa Mites
Émilie Dallaire, MSc student **Université Laval**	Temporal Dynamics of Patriline Representation in Honey Bee (Apis mellifera L.) Colonies
Shelley Hoover, PhD, Associate Professor **University of Lethbridge**	Costs of Canola Pollination?
Charu Sharma, MSc, Apiculture Research Technician **University of Manitoba**	Effect of Early Fall Oxalic Acid Trickle Treatment of Honey Bee Colonies on Efficacy Against Varroa, Colony Virus Levels, and Colony Performance
Camila Perera Perez, MSc student **Université Laval**	Effects of a Protein Dietary Supplement on Worker Immunity and the Survival of Mass-Overwintered Apis mellifera Queens
Alvaro De la Mora Peña, PhD **University of Saskatchewan**	From The Hive To Your Glass - How To Transform Your Honey Into Mead
Maya Boivin-Lalonde, agr., PhD student **Université Laval**	What if The North Was an Asset? Exploring The Boreal Landscape as an Opportunity for Beekeeping Adapted to Quebec’s Climatic Conditions.
Maxence Poirier-Joanette, MSc student **Université Laval**	Estimating the Occupancy of Bumble Bees in Southern Quebec: Temporal Trends and Environmental Factors
Amélie Morin, PhD student **Université Laval**	Conservation of Endangered Bumble Bees: Linking Nutrition, Pathogens and Behaviour
Sabrina Rondeau, PhD **Abeilles citoyennes**	Wild Pollinators on Quebec Farms: Research Insights and Management Guidelines from Abeilles Citoyennes
Sabrina Rondeau, PhD **Abeilles citoyennes**	Tillage and Soil Pesticide Residues: Implications for Ground-Nesting Bee Communities
Valérie Deshaies, Research Professional **Université Laval**	Impact of Apis mellifera Drone Pupal Developmental Stage on Genomic DNA Extraction Yield, Quality, and PCR Efficiency
Frédéric McCune, Research Professional **Université Laval**	Syrphid Fly Response to Urban Heat Islands Varies With Functional Traits
Victoria Ferland, PhD student **Université Laval**	Queen Ring–Induced Brood Interruption Combined With Oxalic Acid for Summer Varroa destructor Control in Eastern Canadian Honey Bee (Apis mellifera) Colonies
Simon Lamarre-Sauriol **Unité d’Intervention Hexagone inc.**	TBC