



## April Meeting Cancelled

# MEETING CANCELLED

The April meeting normally held at the Weston Golf and Country Club is cancelled. Watch for the May Flyer for news of spring startup activities including the start of

student instruction and the date for the Field Maintenance Day and season opener.

## Calendar of Upcoming Events

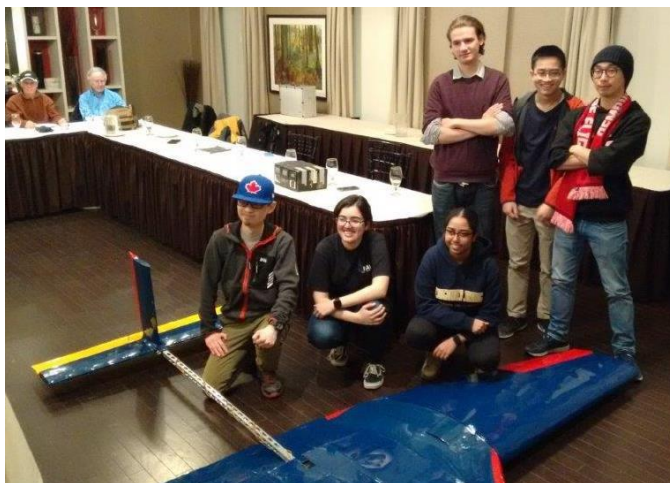
Wed Apr 3 <sup>rd</sup>	Club Meeting – Cancelled!!
Sun Apr 28 <sup>th</sup>	Aurora Swap Meet (see ad on page 2)
May - TBA	Field Maintenance Day

## March 6<sup>th</sup> Meeting Program Report Ryerson's Aero Design (RAD) Team Heavy Lift Competition Aircraft 2019 – RadicalOne



The March 6<sup>th</sup> meeting turned out to be very interesting as the Ryerson Aero Design team presented their new heavy lift design for 2019 called RadicalOne. As you can see from the photos, this airplane is HUGE!

The students explained the contest rules and how they had to design within power limit and weight specifications. There were many questions asked by the members who attended including issues of strength, construction, weight and lift. The plane has a lifting body where the tennis ball "passengers" and "baggage" cargo are stored. A long aluminum square tube connects the lifting body fuse to the tail. The tube was heavily drilled out by laser to save weight.



The Ryerson Design Team poses for a photo.

A big challenge for the team is the inability to conduct flight testing due to severe winter conditions before the competition but the students are determined to compete. Fortunately, competition organizers will provide an expert test pilot since the event is more about the design and its ability to lift, than it is about pilot skill. We may see the RAD team at the field in the spring/summer when they get back to help them work on design issues for next year. We have invited those interested in flying to join the club and participate in our flight training

program. So if you see something blue and HUGE at the field this summer that looks unlike any airplane you have ever seen before – it is probably them!



Ryerson's massive RadicalOne airplane.

We want to thank Maryam Safi and her RAD design team for coming out to the March meeting and putting on an excellent presentation and we wish them good luck! If we get news about the event we will publish it in a future Flyer.



Maryam Safi provided an overview of contest rules and the design specifications.

They will also be posting updates to their online sites:

<https://www.instagram.com/ryerson.aero.design/>

<https://ryersonaerodesign.wordpress.com/>

<https://www.facebook.com/ryersonaerodesign>

## Call for Grass Cutters

Field Officer **Michael D'Antonio** is still looking for a few more volunteers to help cut the grass this year. Have a blast riding our cool mower! We will teach you everything you need to know and it only involves one or two days a month. If you can help, contact Mike at (416) 771-8097 or email at [A1AProperty@hotmail.com](mailto:A1AProperty@hotmail.com).





## Field Maintenance Day Planning Underway



Field Officer **Michael D'Antonio** is planning for a busy "Field Maintenance Day" for a date to be determined in late May or early June depending on the arrival of spring weather and how soon the field dries up from the spring thaw and rain. That is because we need to do a lot more than pick up garbage around the field left over from the ravages of winter.

The following projects are being planned for Field Maintenance Day:

- New shingles for the roof of the shed
- Replacement of the Geotextile runway
- Leveling of the gravel road
- Repairs to ruts in the field caused by trespassers driving across the field in wet conditions
- General service to the tractor

We will be looking for volunteers to help with these activities and will announce dates in future communications. We plan on renting heavy equipment to work on the road so if you have construction experience or access to machinery, please contact our Field Officer **Michael D'Antonio** at (416) 771-8097 or email at [A1AProperty@hotmail.com](mailto:A1AProperty@hotmail.com).

## Junior Member Larry Lai in the Spotlight



You may recall last year in the April 2018 Flyer we reported that Junior member **Larry Lai** took first place in the F3P indoor competition (Sportsman Class) in Cobourg, Ontario. We followed that up at the April 2018 meeting with a great presentation by **Pat MacKenzie** who described the rules of F3P competition and explained the secrets of building ultra-light indoor airframes.

Well, Larry did it again this year - only this time he took first place in the Advanced Class (again with expert instruction from Pat). This is a remarkable achievement congratulations Larry!

**Harry Ells** was a judge in this contest and also competed in the Advanced Class (not sure how they worked that out). Larry won first place with only 2 points ahead of Harry out of a total possible 6000 points. Larry flew his 1<sup>st</sup> and 2<sup>nd</sup> rounds OK but in the 3<sup>rd</sup> round, his airplane battery suddenly dropped down. But Larry kept on flying as if nothing had happened. When he finished, all the other competitors applauded. Larry plans to continue flying indoor and will try to win an opportunity to represent Canada in the 2021 world championships as a Junior. See Larry's practice video on YouTube:

<https://www.youtube.com/watch?v=yKqNVhnludQ&feature=youtu.be>



Harry Ells presents Larry Lai with 1st place plaque.

Pat MacKenzie helps with final setup.

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**SUNDAY, APRIL 28**  
**SET UP 8AM DOORS OPEN 10AM - 2PM**

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