

Student-led Innovations Towards Sustainability

Newly founded in 2016, the UM ecoMotion team is a group of engineering students from the University of Manitoba dedicated to designing and building an ultra-efficient battery-electric prototype vehicle for the international Shell Eco-Marathon Americas competition.

In only a short year, the group of students was able to successfully design and build the vehicle "WASKOTEPEYIW" ("Lightning Bolt" in Cree). The environmentally and socially conscious team of students placed 14th out of 27 in their battery-electric prototype category in Detroit, MI in April 2017.

The presentation will cover the various technical aspects of their vehicle as well as their journey throughout the past year, from designing the vehicle as well as the challenges associated with the creation of a completely new team. The presentation will cover how the ecoMotion overcame those challenges and how the team will move forward.



Presenter: Kim Paolo Laberinto

Kim Laberinto is a fourth year Electrical Engineering student from the University of Manitoba. He is currently the Team Captain for UM ecoMotion, an engineering student competition team newly founded in 2016. He leads the team of students to design, build, and compete an ultra-efficient battery-electric prototype vehicle for the Shell Eco-Marathon Americas international competition. From 2016-2017, Kim Laberinto was the Propulsion-Electric Lead during the team's first year. In addition to the UM ecoMotion team, his past experience includes being on the executive of the University of Manitoba Engineering Society, as the Secretary from 2015-2016 and the Vice-Stick Academic from 2016-2017.