

## ESPC 2015 - Fredericton (Nouveau-Brunswick)



### Michael Wolfe

#### Wi-Tricity

**Défi:** Innovation

**Catégorie:** Junior

**Région:** Bay Area

**Ville:** Burlington, ON

**École:** Trinity Christian School

**Sommaire:** Wireless electricity is based on the work of many individuals such as Nikola Tesla and Michael Faraday. This project explores factors affecting the transmission of wireless electricity between a transmitting and receiving coil using electromagnetic induction. Experiments examining transmission through different materials, varying coil distances and rotations were conducted. I am very excited about the possible applications of this technology for the future.

#### Biographie

My name is Michael Wolfe and I am a grade 7 student at Trinity Christian School in Burlington, Ontario. My favorite subjects are Math and Science. I have two pets, a dog named Lassie and a cat named Misty. I am 12, have a passion for discovery and I very excited to participate in the Canada Wide Science Fair. In my spare time I take karate and am working my way up to a black belt. Also I'm working on experiments in my science lab. My grandfather, engineer and inventor introduced me to Nikola Tesla's work on wireless transmission. I am really interested in wireless electricity technology and those individuals who have contributed to the field of electromagnetism. (Tesla, Faraday, Maxwell etc). I can't wait to experiment more and find more fascinating results!

#### Prix

#### Valeur

Prix d'excellence - Junior - Médaille d'argent Commanditaire: Sciences jeunesse Canada	
Bourse d'études de Western University Médaille d'argent - Bourse d'admission de 2 000 \$ Commanditaire: Université Western	2 000,00 \$
Total	2 000,00 \$

