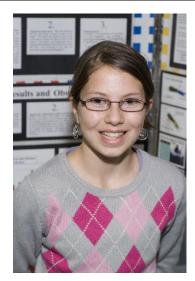


ESPC 2009 - Winnipeg (Manitoba)





Innovative, Trailing Edge Winglet: Bent. Broken. Better!

Division: Internationale / Aucun Catégorie: Junior Région: Ville: , École: Sommaire: An innovative, trailing edge

Sommaire: An innovative, trailing edge winglet is studied to make the blade more efficient. It is movable and made out of the blade itself. Two designs were tested in 12 different wind speeds. The blades with the winglets generated over 100% more electricity than the blade without the winglet. The airflow around the winglet blades appeared to be the same as the standard blade.

Prix	Valeur
Prix de l'énergie renouvelable - Junior	500,00 \$
Commanditaire: Ontario Power Generation	
Bourse d'études de l'Université Western Ontario	1 500,00 \$
Médaillé d'argent - Bourse de début d'études de 1 500 \$	
Commanditaire: Université Western Ontario	
Médaille d'argent - Sciences physiques et des mathématiques	700,00 \$
Junior	
Commanditaire: Encana Corporation	
Total	2 700,00 \$



Sciences jeunesse Canada B.P. 297 Pickering (Ontario) L1V 2R4 www.youthscience.ca / info@youthscience.ca 416-341-0040

