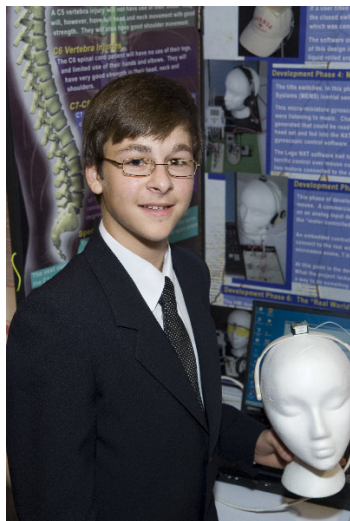


ESPC 2008 - Ottawa (Ontario)



Control Innovations for Quadriplegics

Division: Sciences de la santé / Technologie automobile

Catégorie: Junior

Région:

Ville: ,

École:

Sommaire: This invention is a mobile Human-Machine Interface designed for people suffering from spinal cord injuries. Its purpose is to improve their quality of life. It's designed around 2 inertial sensors which simultaneously measure a person's head movements along two different axis (up/down & left/right). The sensors are read by an embedded controller which, in turn, controls devices like computers and wheel-chairs.

Prix	Valeur
Bourse d'études de l'Université Western Ontario	2 000,00 \$
Médaille d'or - Bourse de début d'études de 2 000 \$	
Commanditaire: Université Western Ontario	
Médaille d'or - Technologie automobile - Junior	1 500,00 \$
Commanditaire: AUTO21	
Médaille d'or - Génie - Junior	1 500,00 \$
Commanditaire: Fondation sciences jeunesse Canada	
Total	5 000,00 \$