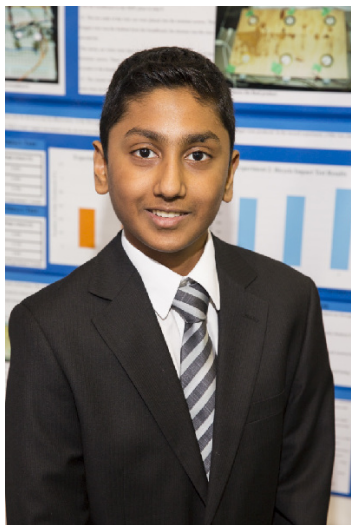


CWSF 2015 - Fredericton, New Brunswick



Saharsh Hariharan

Harnessing Energy from Traffic Utilizing Piezoelectric Crystals

Challenge: Innovation

Category: Intermediate

Region: Peel

City: Mississauga, ON

School: The Woodlands School

Abstract: Energy needs continues to be a major problem in this world. With more and more technology coming, there is a strong need for a reliable source of energy. My project focuses on creating a device which can produce energy through the movement of cars. As cars ride over the device, energy is able to be produced. This energy is collected and can be used.

Biography

Hi, my name is Saharsh Hariharan. I am a grade 9 student at the Woodlands School. This is my third year at the Canada Wide Science Fair, and I am excited to be back again. My project this year is an energy-innovation. I created a device which produces energy through the movement of cars. I wanted to do a project related to energy since energy continues to be a major problem in this world. In the future I plan to patent the device, and make it produce even more energy. At school I am mostly interested in Science and Technology related courses, which is why I choose to attend the science fair. Within school, I do participate in a lot of competition. Examples include DECA, Vex Robotics, and the school Theater Shorts. I plan on pursuing these competitions, plus more in the future during my time in high school. Outside of school, I am involved in multiple sports such as Swimming, and Ball Hockey. I enjoy playing all of these sports and do plan on continuing them in the future. When I grow up I would like to be a Mechatronics Engineer, studying at MIT.

Youth Science Canada
PO Box 297
Pickering ON L1V 2R4
www.youthscience.ca / info@youthscience.ca
416-341-0040