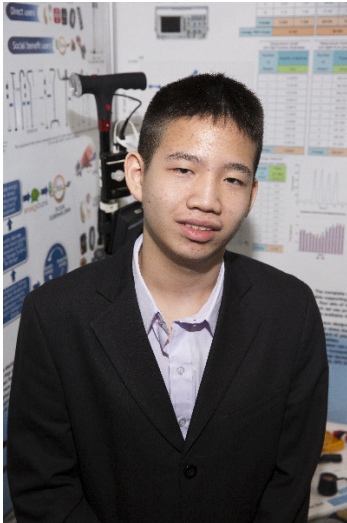


CWSF 2019 - Fredericton, New Brunswick



Pattradana Toopsuwan

Super Cane for Sustainable Energy

Challenge: International

Category: Intermediate

Region: Thailand

City: Bangkok,

School:

Abstract: Energy Converter for the society Generates and runs on electricity converted from movement (mechanical energy) Clean energy from the start // Clean energy from the source Shares energy with equipment in urgent need of electricity To create an invention that could generate entirely clean electrical energy from renewable sources.

Biography

1. Every morning, when I travel to school and pass Chulalongkorn Hospital, I espy many of them crossing the streets or walking on the footpath and what I always see with them are staffs with flashlights on top. It would be terrific to invent something equivalent to those staffs functionally 2.Portable energy bank always sharing energy with crucial equipment 3.smart phone