

CWSF 2008 - Ottawa, Ontario



Angelo Posteraro

Electrical to Kinetic Energy Conversion Efficiency

Division: International / None

Category: Senior

Region: Algoma Rotary

City: Sault Ste. Marie, ON

School: Korah Collegiate & Vocational School

Abstract: this projects aims to determine what factors effect the efficiency of transferring stored electrical energy to kinetic energy in a moving projectile. I have tested different voltages, coil dimensions, capacitance values and other factors to see which have the greatest effect.

Biography

I attend Korah Colligiate and am in the IB program, i aspire to be an Electrical Engineer and plan to attend RCC's electrical engineering program in the fall. My interests invole technology, chemistry, and electronics

Awards

Value

The Canadian Society for the Weizmann Institute of Science Scholarships Joseph W. and Joel Anthony Leon Kerbel Scholarship Sponsor: The Canadian Society for the Weizmann Institute of Science (Weizmann Canada)	\$9 400
Honourable Mention - Physical & Mathematical Sciences - Senior Sponsor: Encana Corporation	\$100
Total	\$9 500