

CWSF 2006 - Saguenay, Québec



Taras Pankov

Radar Telescope

Division: Health Sciences

Category: Senior

Region: Toronto

City: Toronto, ON

School: Giles School, The

Abstract: This project's objective is to develop an improved method for detecting Near-Earth Asteroids by utilizing radar technology. By reflecting an electromagnetic pulse off of an asteroid, it is possible to calculate its distance from the Earth, relative velocity and diameter. A scaled experiment was conducted to prove the concept.

Awards	Value
Award for Excellence in Astronomy - Senior Sponsor: Royal Astronomical Society of Canada	\$200
Total	\$200