

# 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