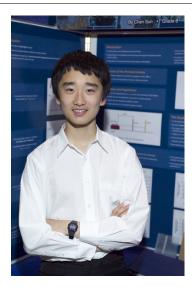




CWSF 2006 - Saguenay, Québec



Chen Sun

The Pinhole Camera - Space Camera

Division: International

Category: Junior

Region: London District
City: London, ON
School: Orchard Park P.S.

Abstract: This project studies Pinhole Camera optimization. Here, a new method

using a combination of theoretical and experimental studies is developed. Based on a new experimental method, a defined constant "k" is determined and a complete equation is developed. With the developed equation, a

pinhole camera is built to function optimally.

Awards	Value
CAP Physics Prize - Junior	\$250
Sponsor: Canadian Association of Physicists	
The University of Western Ontario Scholarship	\$1 500
Silver Medallist - \$1500 Entrance Scholarship	
Sponsor: University of Western Ontario	
Silver Medal - Physical & Mathematical Sciences - Junior	\$700
Sponsor: Encana Corporation	
Total	\$2 450



