

# CWSF 2005 - Vancouver, British Columbia



## Bidisha Sen

### Parrondo's Paradox

**Division:** Physical & Mathematical Sciences

**Category:** Junior

**Region:** Calgary Youth

**City:** Calgary, AB

**School:** Calgary Science School

**Abstract:** The recently reported Parrondo's Paradox states that two guaranteed losing games can be combined to make a winning game. This project demonstrates the effect of choice on the game patterns and other variables on the outcome of a combination game (i.e., limitations of the applicability of the paradox).

Awards	Value
Honourable Mention - Physical & Mathematical Sciences - Junior	\$100
Sponsor: Encana Corporation	
Total	\$100