

CWSF 2012 - Charlottetown, Prince Edward Island



Patrick Fraser

The Confinable Cosmos

Challenge: Discovery

Category: Junior

Region: Avon Maitland-Huron Perth

City: Stratford, ON

School: Stratford Central S.S.

Abstract: This project outlines certain problems that state the size of the Universe must be finite. Then it includes a finite model of the Universe that appears infinite in three dimensions. Also, this project touches upon how one could mathematically calculate the size and volume of the Universe.

Biography

I am a student at Stratford Central Secondary School. My hobbies include building model rockets and juggling. In juggling, I have a world title as well as a world record. My world title is that of Bronze medalist in the Junior world juggling championships 2011. I have a keen interest in all areas of science however I am especially interested in physics. Also, I enjoy playing guitar, ukelele and trumpet.

Awards

Value

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|---|----------------|
| Award for Excellence in Astronomy - Junior Sponsor: Royal Astronomical Society of Canada | \$500 |
| Excellence Award - Junior - Bronze Medal Sponsor: Nuclear Waste Management Organization | \$300 |
| Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University | \$1 000 |
| Total | \$1 800 |