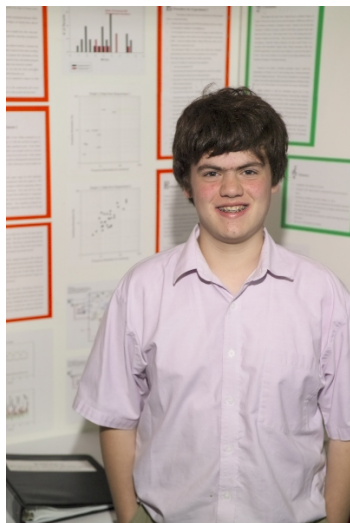


CWSF 2005 - Vancouver, British Columbia



Daniel Bild-Enkin

Vibrato: Quantification of an Aesthetic Feature

Division: Physical & Mathematical Sciences

Category: Intermediate

Region: Vancouver Island

City: Victoria, BC

School: Esquimalt High School

Abstract: Vibrato is the change in sound in a sustained musical note. This project tested the similarities between what musicians play and what listeners prefer in vibrato. Computer tools were developed to quantify several aspects of vibrato. It was shown that produced and received vibrato share many qualities.

Awards	Value
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Physical & Mathematical Sciences - Intermediate Sponsor: Encana Corporation	\$300
Total	\$1 300