



PHYSICS AND ASTRONOMY COLLOQUIUM

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“Neutrino Oscillations and T2K”

Abstract

Neutrinos make up a large part of the known Universe but are very difficult to study, as they can pass through matter without leaving a trace. Experiments have shown that neutrinos come in three types and that they oscillate from one type to another. The T2K experiment, an international project based in Japan, studies the behavior of neutrinos produced from an accelerator and initial results have shown the first indication that neutrino mixing is complete. The University of Victoria and 5 other Canadian institutions have played important roles in the T2K project.

Wednesday, September 14, 2011

3:30 p.m.

Bob Wright Centre

Room A104