

Department of Physics and Astronomy
College of Science



Seminar

Friday, 23rd July 2010

11 am - Room 701

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Neutrinos: New Hints of New Physics

From their birth neutrinos have been conceptually enigmatic particles. In the middle of June, a few weeks ago, in Athens something extraordinary happened. One experiment reported possible violation of CP, while the other indicated that CPT itself may be violated. I'll review these experimental findings and suggest that things may not be what they appear to be and that CP and CPT may still survive but something as simple as energy conservation — the concept that gave birth to these particles — may be responsible for these new effects through an EPR-like quantum entanglement.

All Welcome

Contact Details

For further information phone 364 2404, or visit our website: www.phys.canterbury.ac.nz