

EQUINOX SPECIAL

Around the March and September equinoxes, between 0800 and 0900 hours, the shadows of the Earth and Moon will merge on our eclipse shadow board. This is the Interplanetary Cycle Trail's very own lunar eclipse!

The idea of developing a scale model of our Solar System on the Otago Central Rail Trail came from Ian C Begg, the grandson of John C Begg, co-founder of Dunedin's Beverley-Begg Observatory.

We gratefully acknowledge the assistance
of Associate Professor Antoni Moore,
University of Otago, School of Surveying.

When you have completed your cycle journey, visit the observatory and Otago Museum's Perpetual Guardian Planetarium to continue exploring our amazing universe.

Present this flyer to receive
\$2 off Adult admission to the
Perpetual Guardian Planetarium
and a 10% discount at the
Gift Shop.

In this scaled time warp a single second equates to over three years of real time, so our average life span would be just 26 seconds — in fact *Homo sapiens* would have existed for less than 18 hours, and dinosaurs would have died out just eight months ago. Even the speed of sound (340 m/s in air) slows in our shrink-wrapped Solar System. It would take nearly a year for your bike bell to be heard just 100 m away!

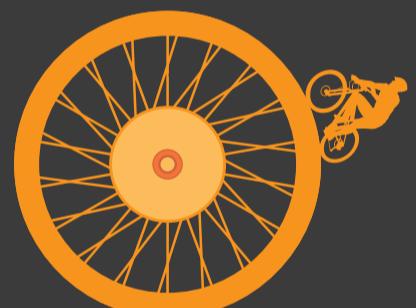
We can also scale back time by the same amount. If we slow the speed of light (300,000,000 m/s) by a factor of one hundred million it becomes a leisurely 10.8 km/hr... so you may find yourself time-travelling into the future as you cycle along!

THE RAIL TRAIL TIME WARP

Explore the vastnesses of our Solar System as you journey through time and space!

WELCOME TO THE OTAGO CENTRAL INTERPLANETARY CYCLE TRAIL

\$1.00



OTAGO CENTRAL INTERPLANETARY CYCLE TRAIL

Explore your Solar System

Journey through a 100,000,000 : 1 (one hundred million to one) accurate scale model of our Solar System



