

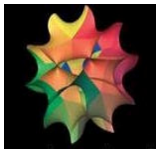


September 8th 2018

Claris Sports and Social Club, Great Barrier Island

Breakout sessions from 9.30AM. The panel starts at 2.30PM. **Moderator - Kim Hill**

WHAT IS TIME?



Craig Callender, Professor of Philosophy and co-director of the Institute of Practical Ethics at the University of California, San Diego

Craig is a philosopher of science specializing in the foundations of physics and with teaching interests in environmental ethics. He is author of *What Makes Time Special*, *The Oxford Handbook of Philosophy of Time*, *Introducing Time* and *Physics Meets Philosophy at the Planck Scale*, and *Time, Reality and Experience*.



THE BODY CLOCK

Prof Philippa Gander, Director Sleep/Wake Centre, Massey University

Philippa has been interested in chronobiology since her early University studies. She was recruited by NASA in 1983 to look at safety and fatigue in aviation. She returned to NZ in 1998 to set up the Sleep/Wake Centre, which focuses on the relationship between our health and sleep and waking functions. She is author and co-author of many books and articles and was made officer of the New Zealand Order of Merit (ONZM) in 2017.



GEOLOGICAL TIME

Hamish Campbell, senior scientist, GNS Science, Lower Hutt, New Zealand.

Hamish has been involved in science communication since 1996. He has been GNS Science 'geologist in residence' at Te Papa, the National Museum of New Zealand, in Wellington, since it opened in February 1998. Through this role, he has become a well-known geologist to the New Zealand public in the context of museum exhibitions, popular books and the media. In 2008 he was made Companion of the Royal Society of New Zealand.



TIME IN LITERATURE

Associate Professor Bryan Walpert, School of English & Media Studies, Massey University

Born and educated in the United States, Bryan is a poet, fiction writer, essayist and literary scholar. He is the author of three collections of poetry, *Etymology*, *A History of Glass*, and *Native Bird*; a collection of short stories, *Ephraim's Eyes*. His work has won a number of awards. Bryan has an interest in science and its links to literature, hence his short Writer in Residency at Sydney University's Centre for Time.