

## 20 Oct 23

In this session we discussed aspects of the physics of time, including the relativity of time to local frames of reference, the 'arrow of time' and the 2nd law of thermodynamics, the time reversibility of micro-physical laws, the 'block universe' and the absence of the past, present and future in physics.

We then agreed to discuss the phenomenology of time, how time features in human experience. To help with this, I suggest the talk by Raymond Tallis [here](#). The talk starts at 4'33" and the bit we need is until 29'40" (the rest is on time travel, which we can pick up later). Also, chapters 5 and 6 of the Very Short Introduction (21 pages).