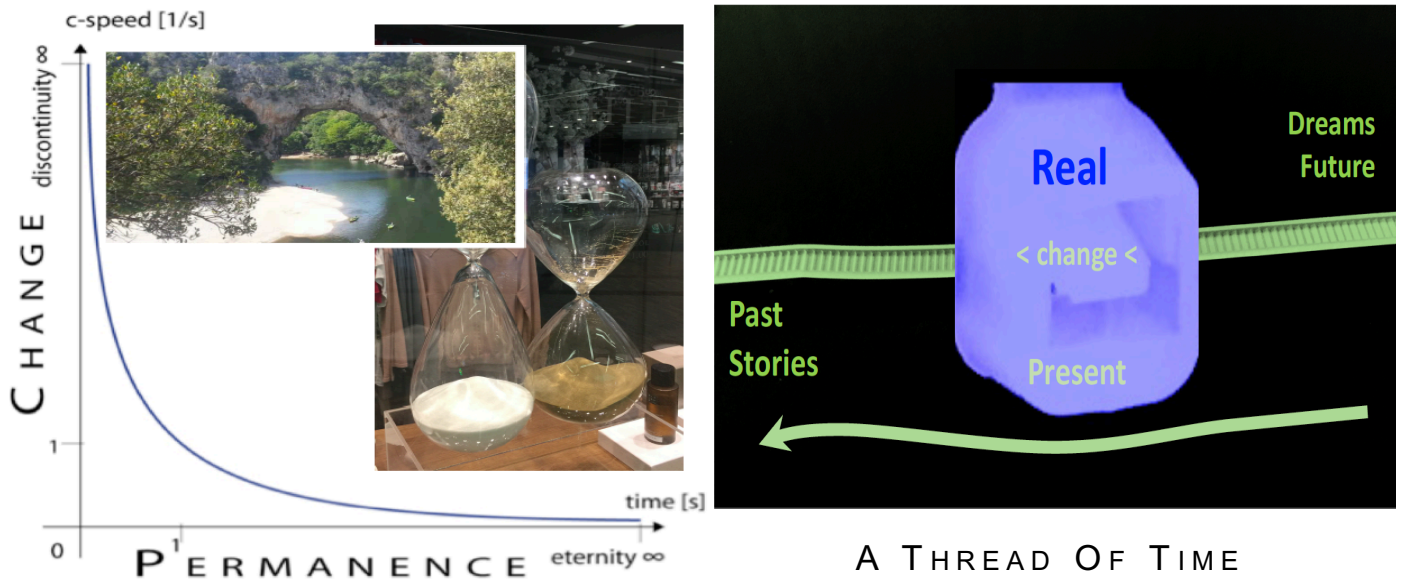




# Cognition – Basic Modelling of Time and related concepts (speed, permanence, change)



- Time is only a basic **idea**, relating to the **real**. *Time* is the measure of *permanence*, the opposite of *speed*, which measures *change*: e.g. the quantity of water flowing under a bridge, or by techniques of varying sophistication, the flow of sand, discrete and periodic changes such as the rotation around the sun, the diurnal revolution, the cycles of a pendulum, the oscillation of a quartz, atomic phenomena.
- Time is a matter of the **imaginary**. In the strict sense of our MCS theory of **cognition**, time measures *permanence*; it is the inverse of speed, which measures *change* (see Fig. left). However, given this inverse relationship, in a broader sense, *time* can also evoke the whole of the two phenomena, the *duality* of permanence and change; this is the most common case in our societies, despite the ambiguities that result from it.
- On the conceptual axis of time, the **real** (blue color) focuses entirely on the instant, in the present, including threats and vital opportunities. Conversely, in this imaginary (green color) anchored on the real, time passes, the axis of time scrolls, like water under a bridge, or a rack through a ratchet (see Fig. right).
- The **real** is only in the present, including vital threats and opportunities.
- The **dreams** of the **future** that the **thread of time** continues to bring to the **real**, rich in **incubators** and **rolling mills**, are then transformed into **stories** of the **past** that the **thread of time** immediately carries away (see Fig. right).

## References.:

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