



Contribution ID: 2

Type: **poster**

## Changing the interpretation of time

*Wednesday, 9 October 2019 12:35 (5 minutes)*

I would like to explore a change in the interpretation of time. By thinking time as a cut, and no more like a lapse, there could be interesting opportunities. Particularly, with such interpretation, quantum gravity theories based on 3+1 spacetime (e.g. Kuchar or Ellis' evolving block universe) may open unexpected and fruitful views. Among the many consequences, there will be no possibility for time machines.

**Primary author:** Dr FOSCHINI, Luigi (Istituto Nazionale di Astrofisica (INAF))

**Presenter:** Dr FOSCHINI, Luigi (Istituto Nazionale di Astrofisica (INAF))

**Session Classification:** Causality preservation and Chronology violation, CTCs