



# The Time Machine Factory [unspeakable, speakable] on Time Travel -TM2019

## Tuesday, 8 October 2019

**Causality preservation and Chronology violation, CTCs: Chair Oldrich Semerak (09:00 - 12:40)**

time	[id] title	presenter
09:00	[50] Gravitational lensing hundred years after the Eddington expedition	Prof. PERLICK, Volker
09:45	[51] What is the surface of a (dynamical) black hole?	Prof. SENOVILLA, José M.M.
10:30	Coffee break	
11:00	[52] Black Holes are Time Machines	Prof. VIDOTTO, Francesca
11:40	[20] Probing regular black hole spacetimes with scalar fields	Dr TAHAMTAN, Tayebeh
12:00	[1] On Closed Timelike Curves, Cosmic Strings and Conformal Invariance	Dr SLAGTER, Reinoud
12:20	[41] Causal nature and dynamics of trapping horizons in black hole collapse	Dr MUSCO, Ilia

# Wednesday, 9 October 2019

## Causality preservation and Chronology violation, CTCs: Chair Mariateresa Crosta (11:45 - 12:40)

time	[id] title	presenter
11:45	[25] Reversible time travel with freedom of choice	Dr BAUMELER , Ämin
12:15	[38] Matrix Product State Simulations of Quantum Fields in Curved 1+1 Spacetime	Dr LEWIS, Adam
12:35	[2] Changing the interpretation of time	Dr FOSCHINI, Luigi