



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

## Tuesday, 24 September 2019

The Mathematical side of Causality: Chair James Vickers / Sandro Coriasco (09:00 - 11:45)

time	[id] title	presenter
09:00	[32] The role of causality in quantum gravity	Prof. SURYA, Sumati
09:45	[8] On the unique evolution of solutions to wave equations	Dr SBIERSKI, Jan
10:20	Coffee break	
10:50	[15] A gravitational collapse singularity theorem which does not require chronology	Prof. MINGUZZI, Ettore
11:25	[54] A time machine allowing travel to the past by free fall	Prof. PIZZOCCHERO, Livio

# Wednesday, 25 September 2019

## The Mathematical side of Causality: chair Lorenzo Fatibene (17:31 - 18:11)

time	[id]	title	presenter
17:32	[57]	Locally Covariant Quantum Field Theory on Causally Compatible Sets	Prof. VICKERS, James