

Session Program

Sep 22 - 25, 2024



The Time Machine Factory [unspeakable, speakable] on Time Travel - TMF2024

Session I. Chronology and causality, CTS

INRiM historical building, Turin, Vallauri Hall
Corso Massimo d'Azeglio, 42, 10125 Torino TO

Mon, September 23

9:10 AM

Session I. Chronology and causality, CTS

Session | **Location:** INRiM historical building, Turin, Vallauri Hall, Corso Massimo d'Azeglio, 42, 10125 Torino TO | **Convener:** Prof. Sandro Coriasco

9:10 - 9:45 AM

The Cauchy Problem in Spacetimes with Closed Timelike Curves

Speaker

James Vickers

9:45 - 10:20 AM

Asymptotic analysis of isolated gravitational systems

Speaker

Rodrigo Avalos

10:20 - 10:50 AM

Coffee Break

10:50 - 11:25 AM

The singularity theorems of General Relativity and their low regularity extensions

Speaker

Roland Steinbauer

11:25 AM - 12:05 PM

Practical applications of closed timelike curves

Speaker

Seth Lloyd

12:05 - 12:30 PM

The motion of gyroscopes and spinning particles on closed timelike curves.

Speaker

Brien Nolan

12:30 PM