



# ***EINLADUNG***

im Rahmen Literaturseminars

zum Vortrag

von

**Claudio Paganini**  
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über

***„The Causal Compatibility Conjecture  
and its Implication on Time Travel“***

## **Abstract:**

I will give an introduction to Fröhlich's Events, Trees, Histories (ETH) approach to quantum theory. I will then introduce the causal compatibility conjecture. Applying it to spacetimes with closed causal curves we find that time travel is boring. Finally I will introduce the open problem in mathematical relativity underlying the causal compatibility conjecture.

**Zeit:** Dienstag, **05.09.2023, 14.00 h**

**Ort:** Seminarraum A - Währinger Straße 17, 2. Stock

gez.: P. Chrusciel, M. Oancea