

Preregistration “Causal Fermion Systems 2025”

Dear colleagues,

The theory of [causal fermion systems](#) is a novel contender for a unified theory of our universe. Over the past few years, the theory has gained increasing attention thanks to its theoretical successes, ranging from mathematical analysis (calculus of variations, non-smooth spacetime structures) to physical phenomenology (collapse phenomena, baryogenesis).

We are proud to announce the first international conference on causal fermion systems, which will be held in Regensburg this year. The goal of the conference is to bring together the rapidly growing community of researchers interested in causal fermion systems for the first time and to establish a network including physicists working on observations and experiments, but also theoreticians working on other approaches in fundamental physics. We hope that this workshop will establish new collaborations leading to experimental tests of causal fermion systems.

The program includes a compact two-day introductory training school which provides the necessary background, thus enabling participation without prior expertise in the theory. We specifically encourage young researchers to participate.

Date: 06.-10. October 2025

Location: Regensburg, Germany

Confirmed Speakers, Participants and further information about the conference:

<https://causal-fermion-system.com/conference2025/>

Preregistration: You can pre-register using the following Google form where you can also indicate your need for financial support:

<https://docs.google.com/forms/d/e/1FAIpQLSdqaM9BSsQrsLMUB0pabY2efECzE5Pt85WpO0DBCO51XOOd6w/viewform>

We are looking forward to welcoming you all to Regensburg.

On behalf of the scientific organizers,
Claudio Paganini