
SEMINAR: Quantum Gas Microscopy of Fermions in the Continuum

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April 30, 2025

12:00 to 13:00

Seminar Room

Quantum gas microscopy is a powerful tool that allows probing dilute quantum matter with single-atom resolution. While this technique was initially developed for the study of lattice and spin chain physics, prominently to explore the Hubbard model and its generalizations, our group has recently introduced its use for continuum systems. In this talk, I will present our recent work on fermionic many-body systems in the continuum, and how we can characterize them at previously inaccessible levels of resolution, obtaining direct access to their spatial correlation functions up to high order.

Hosted by: Prof. Dr. Leticia Tarruell