

## ULTRACOLD FERMIONS FROM „HIGH $T_c$ “ TO „ULTRAFAST“

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Fermionic quantum matter is ubiquitous in nature and has many technological applications. After a general introduction into the physics of ultracold fermionic quantum gases, the talk will highlight two striking examples. Superfluidity in Fermi gases has been subject of intense research for more than a decade with many spectacular observations. Recent work has provided unique access to quasiparticles in the Landau-Fermi liquid regime, whose fast dynamics can now be observed on the Fermi time scale.

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CFEL  
SEMINAR ROOMS I-III

