

## QUANTUM TOOLS FOR **BIOMOLECULAR PHYSICS**

## MARKUS ARNDT

University of Vienna, Austria

In 2023 we are celebrating the 100th anniversary of Louis de Broglie's matter-wave hypothesis, which inspired Erwin Schrödinger to formulate the quantum wave formalism that has remained our best description of non-relativistic physics until today.

I will review elements of matter-wave science from historic research in Hamburg to our experiments in Vienna today, where we explore the interface and interplay between matter-wave physics, physical chemistry, and biomolecular science.

FRIDAY, 05.05.2023

2:00 PM

CFEL SEMINAR ROOMS I-III **ONLINE PRESENTATION** CHECK HHPS.DE FOR FURTHER INFORMATION







DESY.



Helmholtz-Zentrum Geesthacht Centre for Materials and Coastal Research



mpsd