



KRAISLER RESEARCH GROUP
at the Fritz Haber Research Center
Hebrew University of Jerusalem, Israel



האוניברסיטה העברית בירושלים
THE HEBREW UNIVERSITY OF JERUSALEM

offers a **POSTDOC** position

to pursue cutting-edge research in the field of electronic structure and density functional theory. The proposed research focuses on method development and numerical implementation to many-electron systems at high temperatures or pressures, with applications in materials science and warm dense matter (WDM).

Requirements

- PhD in physics, chemistry, materials science or related fields
- Scientific curiosity and initiative
- Proven ability in theory development or in scientific software development or in electronic structure calculations for solids
- Strong motivation to tackle scientific challenges
- Excellent communication skills
- Knowledge of many-electron theory or DFT or warm dense matter is an *advantage*.
- Strong publication record is an *advantage*.

What we offer

- ☑ You will carry out a cutting-edge theoretical and computational research
- ☑ Opportunity to master important theoretical methods and powerful computational techniques
- ☑ Scientific excellence and intellectual environment of an established research center
- ☑ Dynamic atmosphere of a young and vibrant research group
- ☑ Opportunity for international collaborations and participation in conferences

Interested?

Please contact Dr. [Eli Kraisler](mailto:eli.kraisler@mail.huji.ac.il) at eli.kraisler@mail.huji.ac.il