



October 2020

Dear Colleague,

The Department of Physics at Bar Ilan University invites applications for a

Postdoctoral fellowship in theoretical condensed matter physics.

The successful candidate is expected to perform autonomous research, in collaboration with the members of the condensed matter group: Prof. Richard Berkovits, Prof. Emanuele Dalla Torre, Prof. Dmitri Gutman, Dr. Jonathan Ruhman and Prof. Efrat Shimshoni.

Possible topics of research are in the field of strongly correlated quantum matter: *graphene and other 2D materials (including twisted bilayers), topological phases of matter, dynamics of quantum entanglement, quantum simulation, unconventional superconductivity and transport in strongly coupled liquids*. We kindly ask you to forward this message to relevant students/colleagues.

Sincerely,

The Condensed Matter Theory group at Bar Ilan University

Applications should be sent to cmt.postdoc@biu.ac.il and consist of:

- A cover letter;
- A one-page research statement (optional);
- A complete CV, including a list of publications;
- Two referral letters.

Fellowship duration: starts fall 2021¹ for two years with a possible extension to a third year. Short-listed candidates will be invited for a videoconference interview.

Submission deadline: December 31, 2020.

¹ We are flexible with regard to the starting date.