Department of
Materials Science and Engineering

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הפקולטה להנדסה
ע"ש איבי ואלדר פליישמן
אוניברסיטת תל-אביב

המחלקה למדע והנדסה של חומרים

Job advertisement:

Crystallography of structurally disordered ferroelectric materials

We are seeking a PhD candidate to work on novel structure-determination methods as applied to disordered ferroelectric materials.

A successful candidate will be based in Tel Aviv, Israel, but will spend up to 3 months in the USA. (S)he will play the key role in the collaborative project between Tel Aviv University and National Institute of Standards and Technology (USA), which is supported by US-Israel Binational Science Foundation.

The desired skills include the knowledge of computational physics (e.g. numerical linear algebra, optimization techniques, Monte Carlo methods) and computer programming (e.g. Fortran, MATLAB, Python, C++). Some knowledge of solid-state physics and familiarity with X-ray crystallography and X-ray / neutron scattering methods would be a plus.

The position is available for 3 years with a tentative starting date of October 1st, 2019.

For further information contact Semën Gorfman (gorfman@tauex.tau.ac.il) and Igor Levin, igor.levin@nist.gov.