

Bell Labs

Innovations for Lucent Technologies

Lucent Technologies



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Biocomplexity Faculty Search Committee
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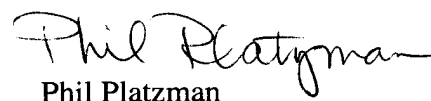
This is a letter of recommendation for Dr. Tatyana Sharpee.

During a three-year period, I had the good fortune to work and collaborate with Tatyana and Professor Mark Dykman. The research project we focused on was Tatyana's thesis. The physical problem under consideration was the tunneling of an electron in the presence of interactions with other electrons and a transverse magnetic field. Clearly this is an impossible problem and one has to make some simplifying assumptions to make progress. Tatyana played a leading role in making the right simplifying assumptions and was able to get out a great deal of interesting physics from the model.

In my opinion, Tatyana is an extremely good, young theoretical physicist. She has all the tools to make real contributions to important research. The work on tunneling at one stage involved very complex mathematical techniques, which she mastered and pushed in a new direction. On top of all that, Tatyana is an incredibly hard worker with a very pleasant personality. She is a joy to be around. In addition, she seems to be very broad in her outlook in regards to the type of problem she is willing to consider. I have been quite impressed by her ability to go out and work in the biophysics area.

I strongly recommend her to you.

Sincerely,


Phil Platzman