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This is a letter of collaboration for the ISF proposal by Dr. Shachar Itzhaky (Technion) entitled “High-level Programming Through Refinement and Program Derivation”.

I am interested in collaborating with Dr. Itzhaky on the proposed research. My background is in the areas of program verification and program synthesis. The ideas in this proposal complement my own research agenda of developing synthesis-aided programming languages based on expressive type systems and decidable program logics. Dr. Itzhaky and I have collaborated successfully in the past on a project called Lifty: a synthesis-aided language for information flow security.

Regards,

Nadia Polikarpova

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