Shai Shalev-Shwartz  
Hebrew University of Jerusalem  

Deep Learning: The theoretical-practical gap  

Abstract:  

I will describe two contradicting lines of work. On one hand, a practical work on autonomous driving I was doing at Mobileye, in which deep learning is one of the key ingredients. On the other hand, recent theoretical works showing very strong hardness of learning results. Bridging this gap is a great challenge. I will describe some approaches toward a solution.