



**Deep Learning Program Opening Workshop
August 12-16, 2019**

SPEAKER TITLES/ABSTRACTS

Johannes Schmidt-Hieber
University of Twente

“Deep ReLU Networks Viewed as a Statistical Method”

We provide a review of the recent literature on statistical risk bounds for deep neural networks. We also discuss some theoretical results that compare the performance of deep ReLU networks to other methods such as wavelets and spline-type methods. The talk will moreover highlight some open problems and sketch possible new directions.