



Workshop 2019
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Title: « No one expects the PAC-Bayes generalisation! »

Abstract:

PAC-Bayes is a generic and flexible framework to address generalisation abilities of machine learning algorithms. It leverages the power of Bayesian inference and allows to derive new learning strategies. I will briefly present the key concepts of PAC-Bayes along with a recent work from the 6PAC crew to obtain tighter and more useful bounds.

Joint work with Zak Mhammedi and Peter Grünwald: <https://arxiv.org/abs/1905.13367>