

# Optimization-centric Generalizations of Bayesian Inference

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## **Abstract**

In this talk, I summarize some of the recent advances in thinking about Bayesian Inference as an optimization problem. I extensively cover the conceptual arguments underlying Generalized Variational Inference as a robust alternative to more conventional forms of Bayesian inference. Additionally, I briefly touch upon a range of other methodological theoretical advances, including Frequentist properties.