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**“Gaussian Process Emulators for Prompt
Fission Observables”**

Gaussian Processes (GPs) have been used successfully in many nuclear theory contexts, both as fast emulators and for discrepancy modeling. Here, we present our recent exploration to use GP emulators to model prompt fission observables: first, where the parameter space is highly correlated, and second, where discrepancies between data and the model arise.