Tutorial available as a notebook in Google Colab

- Basics of model building and exploration

- Choosing and using inference methods

Simulation-based Inference

- The phenomena of the world are frequently investigated *in silico* - i.e. using complex computer simulations with great detail

- The simulators are controlled by a set of parameters that we want to infer based on the observations collected of the phenomena

- Complexity of the simulators often prohibits the access to the most important tool of statistical inference - likelihood function