

Bayesian optimisation *for GW population studies*

BayesComp 25

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Avi Vajpeyi

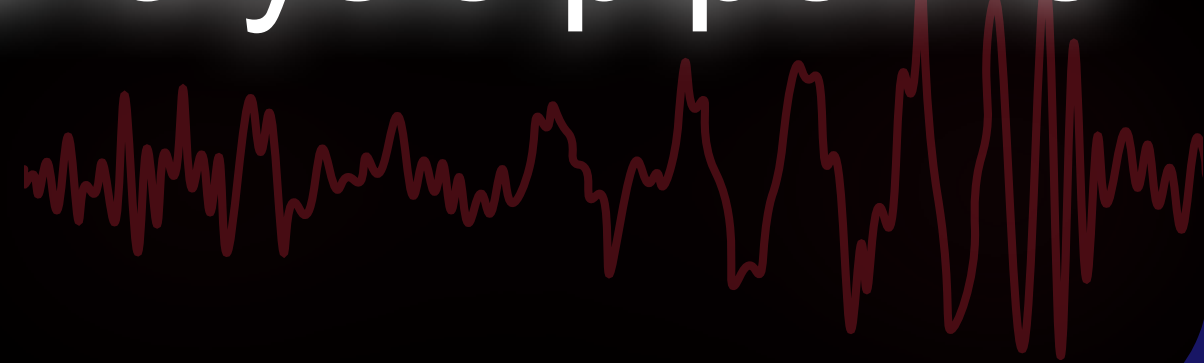
In collaboration with
Ilya Mandel, Jeff Riley



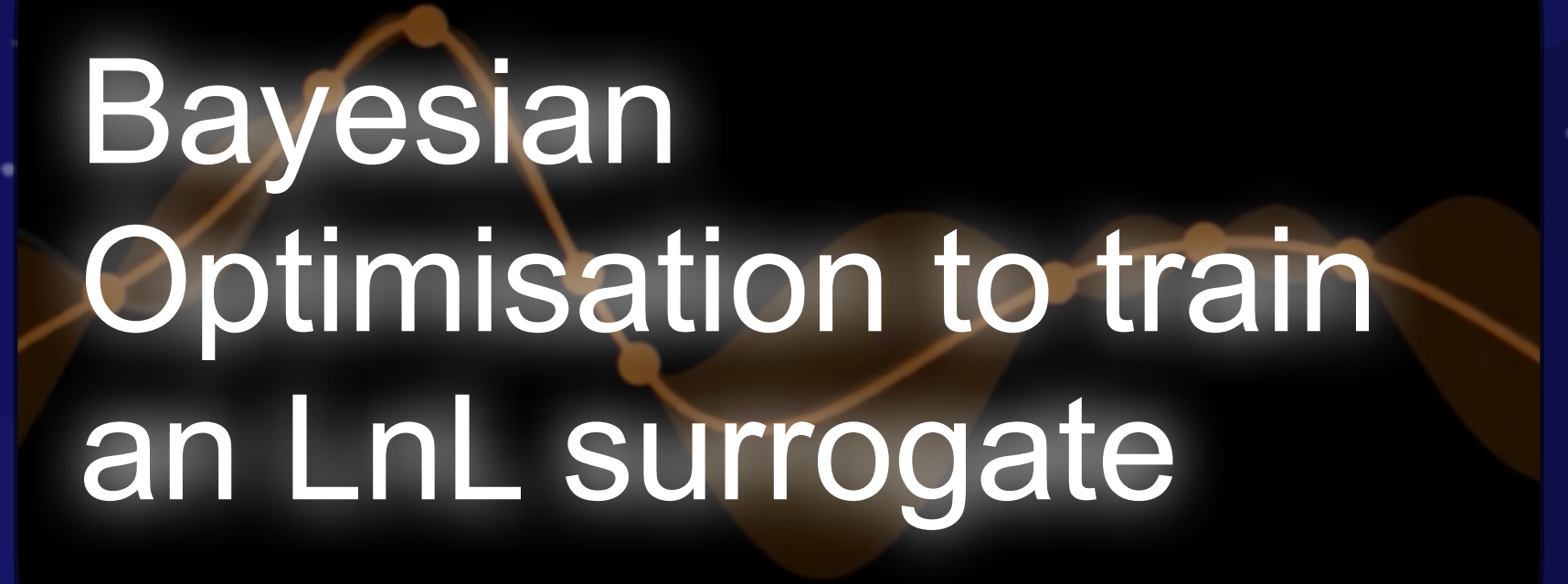
NEW ZEALAND GRAVITY

Outline

Gravitational wave
data analysis pipeline



Bayesian
Optimisation to train
an LnL surrogate



Demonstration on
black hole
populations

