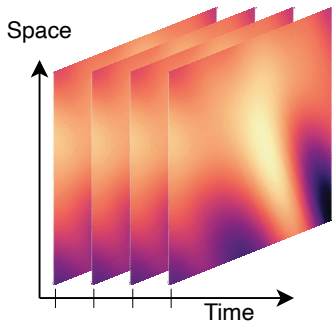


Spatio-temporal Phenomenon



Collected sampling
by Robot i

Dataset
of Robot i

Distributed Learning

Update hyper-
parameters in GP

Distributed Planning

Determine an
Optimal Path

Network Connectivity Preservation

Collected sampling
by Robot j

Dataset
of Robot j

Update hyper-
parameters in GP

Determine an
Optimal Path