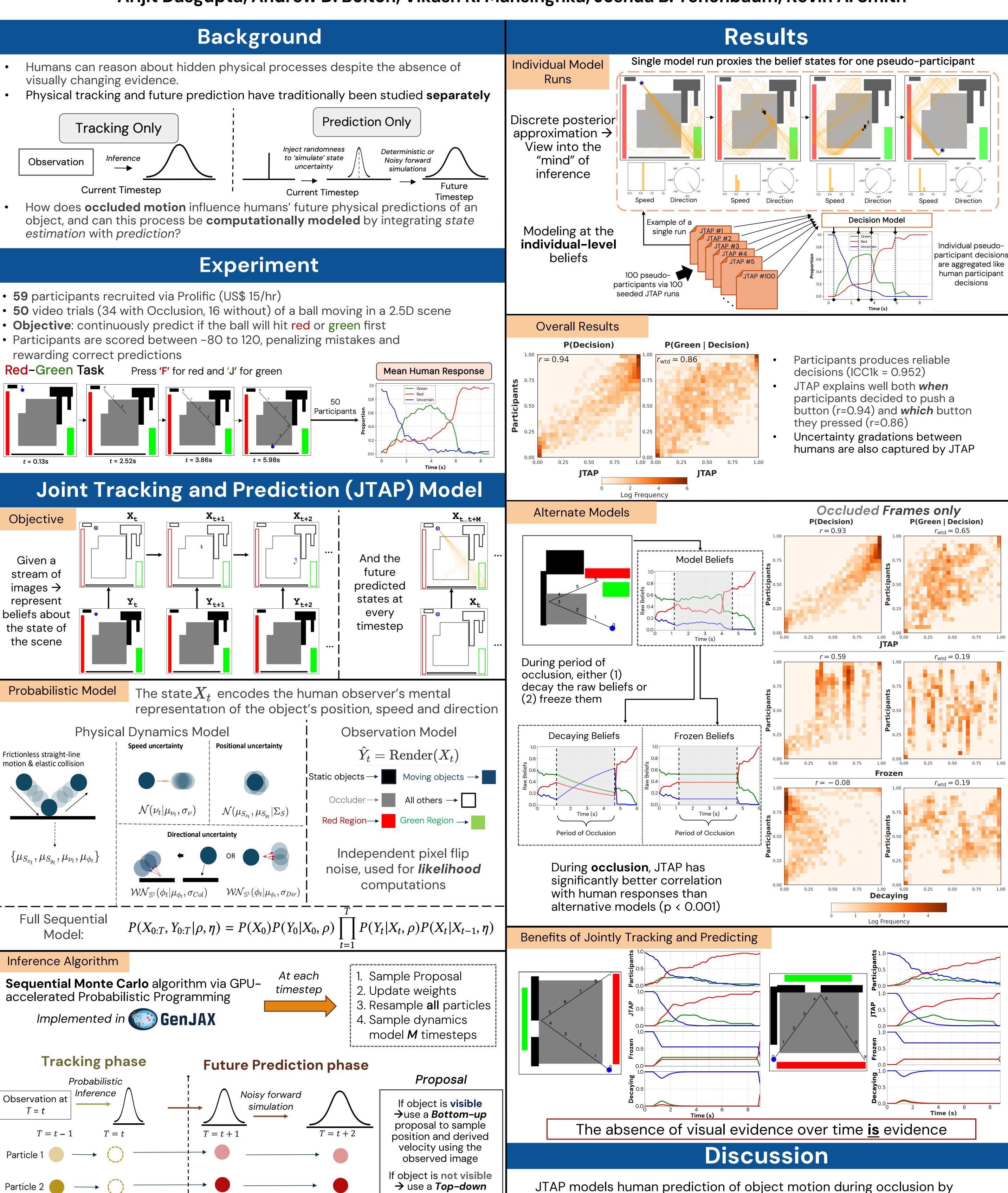


## Seeing through Occlusion: Uncertainty-aware Joint Physical Tracking and Prediction



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proposal by sampling

from the dynamics

model

integrating perception, probabilistic reasoning and physical knowledge,

capturing the rich structure of human physical reasoning.