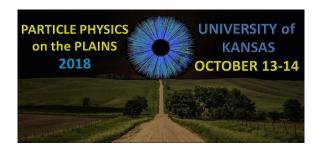
## Particle Physics on the Plains 2018



Contribution ID: 4 Type: **not specified** 

## Resonant Di-Higgs Production at Gravitational Wave Benchmarks: A Collider Study using Machine Learning

Saturday 13 October 2018 10:25 (20 minutes)

I will talk about our recent work on a new study of the resonant di-Higgs production using machine-learning techniques for collider analysis and

focusing on benchmarks which can generate detectable gravitational wave signals from electroweak phase transition at space-based interferometer gravitational wave detectors.(paper link https://arxiv.org/abs/1808.08974)

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Session Classification: Higgs Physics I