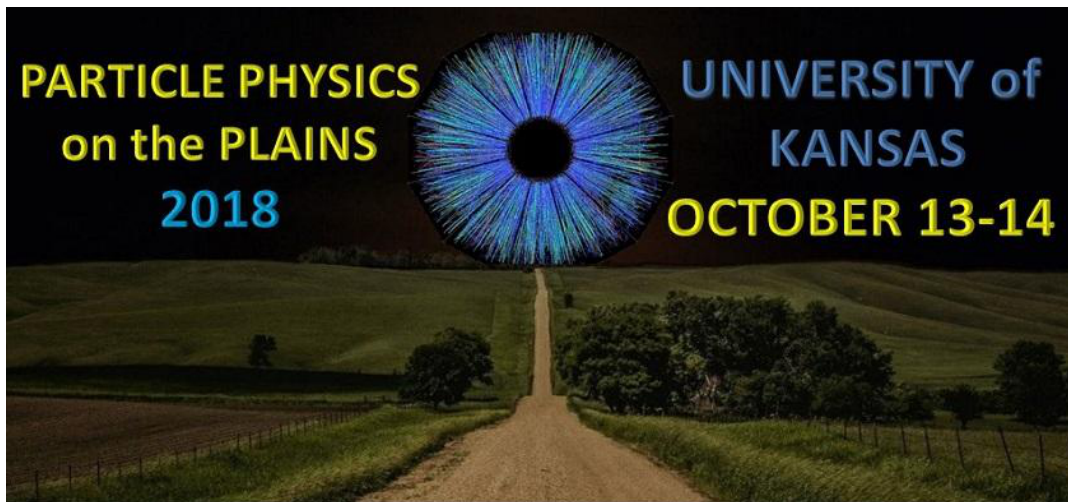


Session Program

13-14 Oct 2018



Particle Physics on the Plains 2018

Higgs Physics I

University of Kansas, 1160 Integrated Science Building
Department of Physics & Astronomy University of Kansas Malott Hall Lawrence, KS

Saturday 13 October

09:00

Higgs Physics I

Session |**Location:** University of Kansas, 1160 Integrated Science Building, Department of Physics & Astronomy University of Kansas Malott Hall Lawrence, KS |**Convener:** Kuver Sinha

09:00–09:15

Welcome

Speakers

Hume Feldman, Ian Lewis

09:15–09:45

Experimental Results for BSM at the LHC

Speaker

Christopher Rogan

09:45–10:05

Contribution of Scalar Singlet and Higher Dimension Operator in Higgs Physics

Speaker

Shekhar Adhikari

10:05–10:25

Interference Effect in Di-Higgs Production in SUSY models (MSSM with Gauge Extensions)

Speaker

Yu Hang Ng

10:25–10:45

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

Speaker

Huaikuo Guo

10:45