

**Program: Lecture Series on
„Machine Learning in High Energy Physics“**

May 25 - 28, 2021

**Bethe Center for Theoretical Physics, Bonn
Online meeting**

David Shih (NHETC, Rutgers University)

Time	Tuesday, 25th	Wednesday, 26th	Thursday, 27th	Friday, 28th
1:30 - 3:30 pm			Lecture Generative Modeling - Fast simulation	
3 - 5 pm	Lecture Introduction to Machine Learning and Neural Networks	Lecture Classifiers - Jet tagging		Lecture Anomaly Detection - Model-independent searches for new physics