

## Precision Diboson Observables for the LHC

*Tuesday, 20 June 2017 15:00 (30 minutes)*

Motivated by the restoration of electroweak gauge symmetry at high energy, I will discuss the use of diboson differential cross sections as high-precision observables at the LHC. I will argue that certain combined measurements of processes can be both predicted and measured to better than 5%. In certain cases, enhanced sensitivity to higher-order and electroweak corrections, along with small uncertainties, can potentially also be observed in these observables, making them fruitful testing grounds for both SM and new physics.

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