

Weekly Report

Shudong WANG

Progresses

- **Higgs combined fit**

- Trained ParT to classify 4*10 higgs decay channels+9 kinds of backgrounds(49 classes in total), performance is good.
- Try to finish fitting this week.

- **Top coupling**

- Ask about how to display detector geometry + event using Druid.
- Discuss with Gang about how to check efficiency of FSClasser and how to improve, will update note and send to Mustapha.

- **VBF Validation**

- Samples generated. Plan to draw plots tonight.

- ITk

- Daily maintenance of ITk Production Flow Page
- Module wire-bonding result histograms for barrel module PRR, took me tons of time.

