

# Status report

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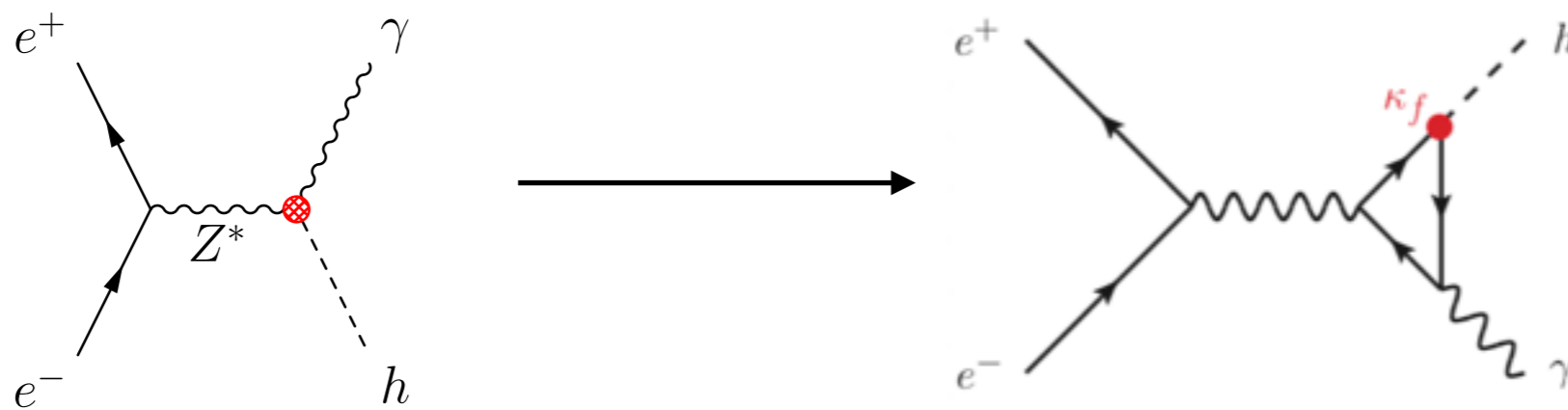
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# Remaining Issue

- ① Update generator
- ②  $h \rightarrow WW^*$  channel

# ① Update generator

- EFT  $\rightarrow$  full loop simulation



- We need to replace samples

## ① $h \rightarrow WW^*$ channel

- (branching ratio)  $h \rightarrow bb$  : 58 %

- $h \rightarrow WW$  : 21%~

- The main background :  $Z\gamma$

- ~I expect  $5\sigma$

- I created the new processor for  $WW$  channel, and I realize this channel is useful.

# Schedule

- Publish ~April 2019