

	Period 1	Period 2	Period 3	Period 4	Period 5
E_γ NN/BDT with distance correlation and adversarial R&D					
E_γ NN/BDT with domain adaptation validation					
E_γ feature representation transfer R&D					
E_γ GNN regression with domain adaptation R&D					
E_γ GNN regression with domain adaptation validation					
Photon ID BDT + isolation decorrelation R&D					
Photon ID BDT with domain adaptation validation					
Photon ID GNN + isolation decorrelation R&D					
Photon ID GNN with domain adaptation validation					
Domain adaptation integration into ML framework (SALT)					
Intermediate $t\bar{t}H(\rightarrow \gamma\gamma)$ background rejection					
Final $t\bar{t}H(\rightarrow \gamma\gamma)$ $m_{\gamma\gamma}$ decorrelation (PD2)					