Training Time per Epoch: Baseline vs Physics Models 0.10 -Baseline (No Physics) Physics Models (Average) 0.08 -Training Time per Epoch [minutes] $0.060 \mathrm{m/ep}$ 0.06 - $0.046 \mathrm{m/ep}$ 0.04 $0.041 \mathrm{m/ep}$ $0.030 \mathrm{m/ep}$ $0.025 \mathrm{m/ep}$ 0.02 0.024m/ep 0.015m/ep $0.005 \text{m} / \theta \theta \text{5m} / \text{ep}$ 200 400 600 800 1000 0 Number of Training Cases