

Turn Your Physics Task into ML Model

- **Input & Output:** Imagine you have a **very powerful function** $f : x \rightarrow y$ that could map anything to anything...
 - What will be your x ? What will be your y ?
 - What dimension are they?
- **Training:** to create this function, you need some ingredients. Which situations describes your physics task the best?
 - I have access to large amount of (x,y) pairs — **Supervised Learning**
 - I have access to large amount of x but only limited y — **Semi-Supervised Learning**
 - I only have access to x — **Self-Supervised Learning**
 - I need to create x from y — **Generative Model**