

Outline

- **Based on personal interests**
- PELICAN: Lorentz-equivariant neural networks for top quark tagging and measurement [[link](#)]
- Point Cloud Deep Learning Methods for Pion Reconstruction in the ATLAS Experiment [[link](#)]
- METNet: Combining pTmiss working points with a neural network classifier (WIP) [[link](#)]
- Generating Particle Cloud Jets with Diffusion (WIP) [[MPGAN](#), [CaloScore](#)]
- ML compression for Particle Physics discoveries [[link](#)]

[6th ATLAS Machine Learning Workshop · Indico \(cern.ch\)](#)