

# Higgs Challenge

## Project 1 in Machine Learning

Adan Häfliger  
adan.haefliger@epfl.ch  
EPFL

Tina Fang  
tina.fang@epfl.ch  
EPFL

Zhivka Gucevska  
zhivka.gucevska@epfl.ch  
EPFL

***Abstract*—In this report we present our findings on the Higgs dataset.**

### I. INTRODUCTION

#### *A. Data description*

The train data we have received is composed of 30 features of which 29 are real valued and 1 is categorical with 4 categories.