### Diffusion Models: DALL-E

Deep Learning and Neural Networks: Advanced Topics

Fabio Brau

March 1, 2023

Scuola Superiore Sant'Anna, Pisa.





Introduction

Broader Impacts



## Introduction



## **Broader Impacts**



#### **CLIP Model**

"We also found discrepancies across gender and race for people categorized into the 'crime' and 'non-human' categories..."



<sup>&</sup>lt;sup>1</sup>Radford et al., "Learning Transferable Visual Models From Natural Language Supervision".

# Thanks for the attention

#### Fabio Brau

- **m** Scuola Superiore Sant'Anna, Pisa
- fabio.brau@santannapisa.it
- ♥ retis.santannapisa.it/~f.brau
- in linkedin.com/in/fabio-brau





