

# URL Coursework 2

## StackGAN++: Realistic Image Synthesis with Stacked Generative Adversarial Networks

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- 1 Introduction
- 2 StackGAN++ Methodology
- 3 Results
- 4 Analysis

## Definition

More specific than Unsupervised Learning.

- What is the problem that is addressed in the paper
- **Applications?**
  - .
- **Approaches?**
  - .

- **StackGAN++:** What is the contribution of the paper. Basically, what is proposed on the paper that previous research does not address or what is the improvement

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# Components of StackGAN++

- What are the minimum details that are necessary to understand how the proposed method works

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- How the method has been tested (datasets, procedures) and what other competing methods have been used for comparison and why.
- Quantitative/Qualitative results?



- If it is the case, what experiments have been done to test the different elements that compose the proposed methods (they are usually called ablation studies)

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- What is the improvement over the competing methods
- What are the limitations of the proposed method

- What conclusions can be taken after analysing the results

# Thank you for your attention!

Any questions?



Han Zhang, Tao Xu, Hongsheng Li, Shaoting Zhang, Xiaogang Wang, Xiaolei Huang, and Dimitris Metaxas.

Stackgan++: Realistic image synthesis with stacked generative adversarial networks, 2018.