

# Conference Paper Title\*

Spiros Maggioros

*School of Electrical and Computer Engineering  
National Technical University of Athens  
Athens, Greece*  
Spiros.Maggioros@pennmedicine.upenn.edu

Rei Pasai

*School of Electrical and Computer Engineering  
National Technical University of Athens  
Athens, Greece*

...

Eleni Nasopoulou

*School of Electrical and Computer Engineering  
National Technical University of Athens  
Athens, Greece*

...

**Abstract—**

**Index Terms**—Graphs, Graph Neural Networks, Kernels, Deep Learning, Representation Learning

## I. INTRODUCTION

## II. RELATED WORK

### A. Graph Representation Learning

### B. Graph Neural Networks

## III. MODELS

### A. Graph Representation Learning Models

### B. Graph Neural Network Models

## IV. TASKS

### A. Graph Classification

### B. Clustering & Manifold Learning

## V. DATASETS & EVALUATION

## VI. RESULTS & DISCUSSION

## REFERENCES

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- [2] Anton Tsitsulin, Davide Mottin, Panagiotis Karras, Alexander Bronstein, and Emmanuel Müller. 2018. NetLSD: Hearing the Shape of a Graph. In Proceedings of the 24th ACM SIGKDD International Conference on Knowledge Discovery & Data Mining (KDD '18). Association for Computing Machinery, New York, NY, USA, 2347–2356. <https://doi.org/10.1145/3219819.3219991>
- [3] Keyulu Xu, Weihua Hu, Jure Leskovec, and Stefanie Jegelka. How powerful are graph neural networks? In International Conference on Learning Representations (ICLR), 2019.