### Thesis Title

#### AUTHOR NAME

#### Thesis

Submitted in Partial Fulfillment of the Requirements for the Degree of Doctor of Philosophy

Thesis Advisor: Advisor Name

Department of Materials Science and Engineering

CASE WESTERN RESERVE UNIVERSITY

Graduation Month, Graduation Year

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<sup>&</sup>lt;sup>1</sup>We certify that written approval has been obtained for any proprietary material contained therein.

## Dedicated to Progress in Materials Science and Engineering

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3 1.1 Logo of EMSE-368/468. 3

## **Acknowledgements**

- 5 Your acknowledgements here: Advisor, committee, colleagues, engineers, staff, fund-
- 6 ing agencies, etc.

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# 7 ABSTRACT 8 Thesis Title 9 Author Name

Your abstract here. Check limits for number of words. Usually, abstracts must not exceed 350 words in dissertations and 150 words in other theses. The abstract should not replace the introduction. It should include the most important results *and* the most important conclusions – how this work has advanced the field.

# 14 1 Introduction

- 15 1.1 Testing Citations and Bibliography
- 16 Here is a nice paper. 1
- 17 **1.2 Testing Figures**
- 18 Here is a nice figure.
- We can refer to it as 1.1.



Figure 1.1. Logo of EMSE-368/468.

# <sub>20</sub> 2 Literature Review

# 21 3 Methods

- 22 3.1 Experimental Methods
- 23 3.2 Computational Methods

# 4 Results

**4.1 Experimental Results** 

# <sub>26</sub> 5 Discussion

# <sub>27</sub> 6 Conclusions

### **References**

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<sup>29</sup> [1] Frank Ernst. Background of SAM atom-fraction profiles. *Materials Characterization*, 125:142–151, 2017.