

Report for AM Module

### Authors

*Even Johan Pereira Haslerud – s231473*

*Jørgen Finsveen – s231469*

November 27, 2023

# Preface

Table of Contents

[Authors 1](#_Toc151993918)

[Preface 2](#_Toc151993919)

[Introduction 4](#_Toc151993920)

[Cooling simulation for AM production and product performance 4](#_Toc151993921)

[AM process signatures and classification methods 4](#_Toc151993922)

[Digital twin of AM and Reduced Order Models 4](#_Toc151993923)

[Concluding Remarks 4](#_Toc151993924)

[References 4](#_Toc151993925)

# Introduction

# Cooling simulation for AM production and product performance

# AM process signatures and classification methods

# Digital twin of AM and Reduced Order Models

# Concluding Remarks

# References

[1] “Exercise of AM Digital Shadow/Twin”, 23 November 2023. [Exercise of AM Digital Shadow/Twin]