Title

MSc (Eng) Research Proposal



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Department of Electrical Engineering
University of Cape Town
Rondebosch, Cape Town
South Africa

Supervisor:
Supervisor Initial's **Surname**

Co-supervisor:
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9 October 2026

MSc (Eng) research proposal presented to the Centre for Marine and Antarctic Research for Innovation and Sustainability (MARIS) and the African Robotics Unit (ARU) at the University of Cape Town

Field of research: keyword1; keyword2; keyword3

MARiS Marine and Antarctic Research for Innovation and Sustainability

ARU AFRICAN ROBOTICS UNIT

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Year of first registration	2024
Year of intended submission	2026
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Project Funding Programme	NRF South African National Antarctic Programme (SANAP) SANAP23042195826
EBE Ethics Number	STU-EBE-yyyy-PSQxxxxxx
ORCID ID	xxxx-xxxx-xxxx-xxxx
Project GitHub repository	Repo name

Statement

This research proposal seminar, for the degree of Master of Science in Electrical Engineeringin Electrical Engineering, was presented to the Centre for Marine and Antarctic Research for Innovation and Sustainability (MARIS) and the African Robotics Unit (ARU) and thesis supervisor on the 4 March 2024.

_____ _____

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MSc (Eng) candidate, Department of Electrical Engineering

I confirm that the above candidate presented a seminar on 4 March 2024in the Department on the subject of this research proposal and recommend that the proposal be approved.

_____ _____

Signature *Date*

Supervisor Initial's ***Surname***

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Abstract

Title

First name(s) **Surname**

9 October 2026

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Chapter 1

Introduction

1.1 Problem statement

1.2 Research questions and hypothesis

From these questions I propose that:

Hypothesis. *Hypothesis*

1.3 Scope, assumptions and limitations

1.4 Potential impact and outputs

Chapter 2

Rationale and literature review

Read through the following for general background:
Alberello et al. (2018);Alberello, Bennetts, Heil, Eayrs, Vichi, MacHutchon, Onorato and Toffoli (2020);Alberello, Bennetts, Onorato, Vichi, MacHutchon, Eayrs, Ntamba, Benetazzo, Bergamasco, Nelli, Pattani, Clarke, Tersigni and Toffoli (2020);Alberello, Părău and Chabchoub (2020);Ardhuin et al. (2020);Auclair et al. (2022); Bennetts et al. (2010); Bennetts and Squire (2012);Brouwer et al. (2022);Cooper et al. (2022);Bennetts et al. (2022a);Bennetts et al. (2022b);De Santi and Olla (2017);Doble et al. (2003);Doble and Wadhams (2006);Doble and Bidlot (2013);Doble et al. (2015);Doble et al. (2017);Dumont et al. (2011); Dumont (2022); Hague and Vichi (2021);Hasselmann and Hasselmann (1991); Hasselmann et al. (1996); Horvat (2022);Hwang and Wang (2022);Kohout et al. (2011);Kohout et al. (2014);Kohout et al. (2016);Li et al. (2015);Meylan et al. (2014);Meylan et al. (2018);Montiel et al. (2022); Montiel and Mokus (2022);Nelli, Filippo and Van Zuydam, Armand and Pferdekamper, Karl and Alberello, Alberto and Derkani, Marzieh and Bekker, Anriëtte and Toffoli, Alessandro (2021);Parmiggiani et al. (2019);Passerotti et al. (2022); Perrie et al. (2022);Rabault et al. (2016);Rabault et al. (2022);Shen (2022);Squire et al. (1995);Squire (2007);Squire (2018);Squire (2020);Squire (2022);Stopa et al. (2018); Sutherland and Rabault (2016); Tersigni et al. (2023);Thomson et al. (2021);Thomson (2022);Toffoli et al. (2022); Vichi et al. (2019); Vichi (2023); Vichi (2022);Wadhams et al. (1988);Wadhams et al. (2004);Wadhams et al. (2018);Willis et al. (2023);Williams et al. (2013a); Williams et al. (2013b) ; Womack et al. (2022);Worby et al. (2008)

Chapter 3

Aims and objectives

3.1 Aim 1:

3.1.1 Objective 1.1:

Chapter 4

Proposed work plan and activities

4.1 Work packages

WP1: Work package title	
Aim	Placeholder text here
Timeline	Placeholder text here
WP1.1: Objective title	
Description	Placeholder text here
Activities **Task 1:** Placeholder text for Task 1 **Task 2:** Placeholder text for Task 2 **Task 3:** Placeholder text for Task 3	
WP1.2: Objective title	
Description	Placeholder text here
Activities **Task 1:** Placeholder text for Task 1 **Task 2:** Placeholder text for Task 2 **Task 3:** Placeholder text for Task 3	

WP2: Work package title	
Aim	Placeholder text here
Timeline	Placeholder text here
WP2.1: Objective title	
Description	Placeholder text here
Activities **Task 1:** Placeholder text for Task 1 **Task 2:** Placeholder text for Task 2 **Task 3:** Placeholder text for Task 3	
WP2.2: Objective title	
Description	Placeholder text here
Activities **Task 1:** Placeholder text for Task 1 **Task 2:** Placeholder text for Task 2 **Task 3:** Placeholder text for Task 3	

4.2 Timeline

Chapter 5

Preliminary results

Chapter 6

Data management and utilisation

Chapter 7

Proposed thesis outline

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