

DOCTORAL THESIS

TITLE

by:

AUTHOR

 $A\ thesis\ submitted\ in\ fulfilment\ of\ the\ requirements\\ for\ the\ Doctor\ of\ Philosophy$

of the

Department of Physics, Faculty of Science and Engineering, Swansea University

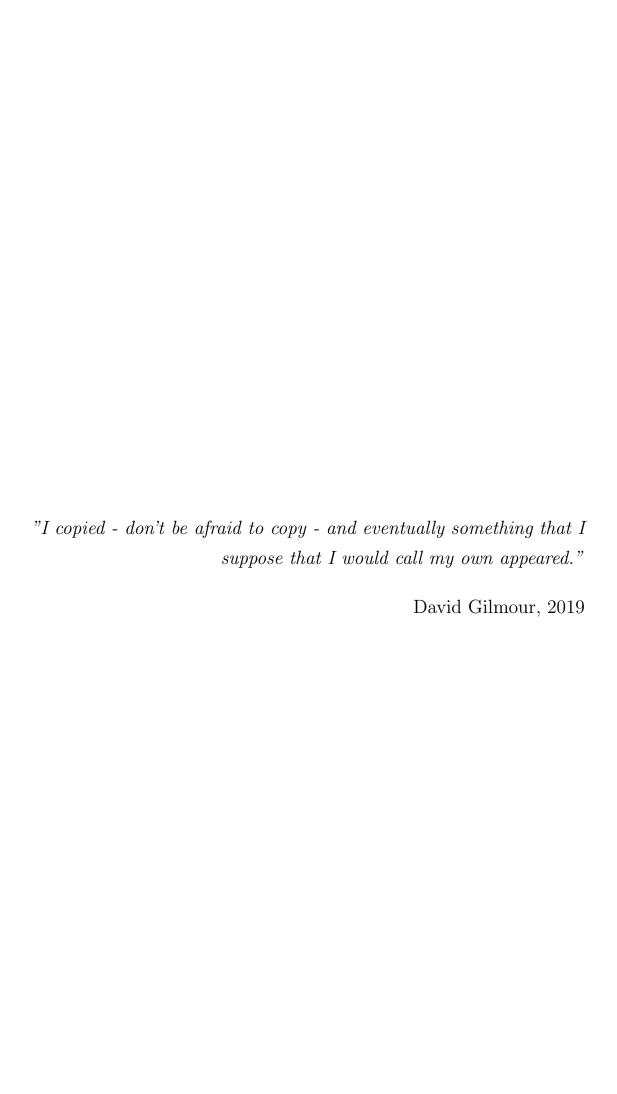
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Declaration of Authorship

I, Ricardo Stuardo, declare that this thesis titled, "Holography and Dualities in Quantum Field Theories" and the work presented in it are my own. I confirm that:

- This work has not previously been accepted in substance for any degree and is not being concurrently submitted in candidature for any degree.
- This thesis is the result of my own investigations, except where otherwise stated. Other sources are acknowledged by footnotes giving explicit references. A bibliography is appended. In particular, the thesis is based on the following publications:
 - J.M. Maldacena, The Large N limit of superconformal field theories and supergravity, Adv. Theor. Math. Phys. 2 (1998), 231-252, arXiv:hep-th/9711200 [hep-th].
- I hereby give consent for my thesis, if accepted, to be available for photocopying and for inter-library loan, and for the title and summary to be made available to outside organisations.
- The University's ethical procedures have been followed and, where appropriate, that ethical approval has been granted.

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Abstract

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Chapter 1

Introduction

Intro [1]

Chapter 2

Title 2

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[1] J. M. Maldacena, The Large N limit of superconformal field theories and supergravity, Adv. Theor. Math. Phys. 2 (1998) 231–252, [hep-th/9711200].