

**Freie Universität Berlin**

Institute of Meteorology

Department of Earth Sciences

# **Why blockings are the absolute fucking best things in the whole wide world**

A cumulative dissertation submitted for the degree of

Doctor of Philosophy (PhD)

Author: Henry Leon Schoeller  
Supervisor: Prof. Dr. Stephan Pfahl  
Reviewer: Prof. Dr. Gabriele Messori

June 2026



# Declaration

I hereby declare that this dissertation has been composed by myself and that the work contained herein is my own, except where explicitly stated otherwise. This dissertation has not been submitted, in whole or in part, for any other degree or professional qualification.

Berlin, June 2026

**Henry Leon Schoeller**



# Abstract

This dissertation presents a cumulative body of work consisting of three peer-reviewed research papers. The unifying theme of the dissertation is briefly described here. The abstract should summarise the research problem, methodological approach, main contributions of each paper, and the overall scientific contribution of the thesis.

Keep this concise and factual. Do not include citations unless explicitly required by your faculty.



# Acknowledgements

I would like to thank my supervisor for their guidance and support throughout the course of this research. I am also grateful to my colleagues, collaborators, and the members of my research group for their valuable discussions.

Funding sources, institutional support, and personal acknowledgements may be included here.





# Contents

<b>Declaration</b>	<b>iii</b>
<b>Abstract</b>	<b>v</b>
<b>Acknowledgements</b>	<b>vii</b>



# List of Figures



# List of Tables





