First of all, I would like to thank my promotor, Peter Sloot, for giving me the opportunity to explore the modelling of complex systems, and for the basic philosophy of exploiting the commonalities between complex systems in different disciplines. I am sincerely grateful to my daily supervisor, Alfons, for his guidance through the research field; for helping me use writing and presenting really to make a strong case; for giving insight in some of the politics behind collaborative science and engineering; and for his ongoing support to the people in the group, the science we do, and the software we make. I would like to thank the Ph.D. committee for their efforts in assessing this thesis and acting as opponents during the defence of the thesis.

A big thanks to my paranymphs, Carles Bona Casas, the ever-positive realist and music lover, for his friendship and advice, and Lampros Mountrakis, staying humorous and helpful while walking on a similar obstacle-course. Every time, it’s good to see Gökhan visiting Utrecht and broadening my world as he looks for innovation, it’s good to listen to Emiliano as he sets up an argument for better food, drinks, and opportunities, it’s good to start a play-discussion with Eric about the merits of Fortran, it’s good to grind through a contra-positioned argument with Rick just to keep ideas fresh, and it’s good to talk with Guusje and Brecht, reminding myself to not always talk in jargon. Each member of the Computational Science group, already mentioned and Hannan, David, Kees, Omri, Paula, Narges J., Pirom, Nol, Daniel, Fredrik, Amir, Narges Z., Eva, Serge, Jaap, Drona, Mike, Rob, Dick, Paul, Alma, Silvia, and any name I have forgotten, contributes with his or her nationality, personality, and perspective – I think that taking advantage of this is essential to not get trapped in a computational bubble but to really reach out.

Outside of the group, I have had very pleasant collaborations with many of the people involved in the European MAPPER project. In particular, I would like to
mention Mariusz Mamonski (1984 - 2013), an amicable young man of my age, whose outstanding friendliness and professionalism made a big difference, for the project and for myself.

I thank my friends for excusing periods of fewer interactions, and at times making me put it all in perspective, so thanks, Myrthe, Pieter, Eef, Tessa, Marieke, Eva, Pascal, Marjolijn, and all.

I deeply thank Judith for enduring my company at stressing times, putting me on my feet, and exploring the world and food together. I am ever grateful for the love we share. My sister Hanneke and father Martien, Ruben and Machteld, thank you for providing a loving family and for letting me know that you care. Ad en Riek, Gemma en Rob, Saskia en Hessel, bedankt voor het voortdurende warme welkom. Finally, thank you Geetje for dreams and questions, Harm for demanding precision, and Jennechien for fire.

And now - onwards, to wherever the next quest lies.