

About the Author

*Yo soy yo y mi circunstancia
y si no la salvo a ella no me salvo yo.*

*I am I and my circumstance;
and, if I do not save it, I do not save myself.*

José Ortega y Gasset

I was born in Los Silos, northwestern Tenerife, in 1990. There, I attended the local public primary school and high-school. I did a bachelor in Physics in Universidad de La Laguna (Tenerife), with a one-year exchange programme with Universidad de Granada (Andalucía) (2008–2012). In Granada, I did a short bachelor end project on the viability of carbon nanotubes as drug-delivery systems, supervised by Prof. J. Lopez-Viota Gallardo and Prof. Á. Delgado Mora. Following the recommendation of my supervisors in Granada, I moved to Utrecht University where I did a master in Nanomaterials Science (2013–2015). I conducted my master project research, a simulation account on random packings of anisotropic particles, at the Van't Hoff Laboratory under the supervision of dr. R. Baars and Prof. A. P. Philipse. As part of this master, I did an internship at DSM-Geleen under the guidance of dr. L. Bremer, where we worked on an alternative method for characterising soft matter. After a short break, I started my Ph.D. studies under the instruction of Prof. Dr. Ir. R. Tuinier in between the Van't Hoff Laboratory (Utrecht) and the newly-formed Laboratory of Physical Chemistry (Eindhoven). Part of the results of these Ph.D. studies are presented in the thesis, and have been published in peer-reviewed journals and presented in Dutch and international conferences.