

Assistant Professor Christian A. Nijhuis, National University of Singapore.

Christian A. Nijhuis received his Masters degree in Chemistry from the University of Groningen in 2002, and Ph.D. degree from University of Twente in 2006 (Cum Laude; top 5%). Under the direction of Professor David N. Reinhoudt, his doctoral thesis included studies on the surface chemistry of supramolecular assemblies and their use in bottom-up nano-fabrication. He received the Simon Stevin Research award from the Netherlands Organization for Scientific Research (NWO) in 2006 to conduct overseas research. In the group of Professor George M. Whitesides, as a postdoctoral research fellow, he developed a platform for measurements of charge transport across layers that are one molecule thick. In 2010, he received the NRF research fellowship (3.0 M S\$) and he joined the Department of Chemistry at the National University of Singapore as an Assistant Professor. In 2012, he received the NRF CRP grant (6 million S\$) to start a new program to develop new plasmonic-electronic devices. He currently uses bottom-up nanofabrication techniques to construct self-assembled nano-electronic devices to open up and to solve key problems in physics.