



**CITATION FOR ASSOCIATE PROFESSOR CHRISTIAN A. NIJHUIS**  
**YOUNG RESEARCHER AWARD**

Associate Professor Christian Nijhuis is known internationally for his groundbreaking work in the investigation of the optoelectronic properties related to self-assembled organic monolayers. These investigations could lay the foundation for future molecular electronics applications.

Christian joined NUS as a National Research Foundation Fellow in 2010. Since then, his work in charge transport across metal-molecule-metal structures has been reported in highly competitive journals, including *Nature Nanotechnology*, *Nature Photonics* and *Science*. Christian is particularly known for developing and perfecting a novel fabrication method to make delicate metal-molecule-metal sandwiched structures where the distances between the metal contacts are of the order of nanometers. Using these structures, his group investigated and discovered new fundamental behaviour in charge transport through organic molecules. These findings and others potentially open new directions in several sub-fields of molecular electronics, including single-molecule sensing, plasmonics, and nano-electronics.

This evening, we are pleased to honour Associate Professor Christian Nijhuis with a

Young Researcher Award.