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Surface Engineering for Molecular Electronics

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Surface Engineering for Molecular Electronics

Xinkai Qiu



**university of
 groningen**

**faculty of science
 and engineering**

**stratingh institute
 for chemistry**

The work described in this thesis was performed in the research group Chemistry of Molecular Materials and Devices of the Stratingh Institute for Chemistry at the University of Groningen, the Netherlands.

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Cover image: An illustration of the charge transport through the self-assembled bilayers of triethylene glycol-functionalized molecules on PTEG-1. The rest of the molecules in the top layer are omitted for clarity.

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Surface Engineering for Molecular Electronics

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 on the authority of the
 Rector Magnificus Prof. C. Wijmenga
 and in accordance with
 the decision by the College of Deans.

This thesis will be defended in public on
 Monday 7 December 2020 at 18:00 hours

by

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To my parents

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