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Spin transport across oxide semiconductors and antiferromagnetic oxide interfaces

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Spin transport across oxide semiconductors and antiferromagnetic oxide interfaces

Arijit Das



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groningen**

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Cover: The background of the cover is the surface topography of oxide substrates captured by Atomic Force Microscopy (AFM). The front part displays the three terminal (3T) spin contacts employed on an oxide semiconductor platform for spin injection-detection. The back part of the cover displays the detection of spin current from an antiferromagnetic insulator platform by metal contacts.

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Spin transport across oxide semiconductors and antiferromagnetic oxide interfaces

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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

Friday 15 January 2021 at 12.45 hours

by

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Dedicated to Maa, Baba and all my teachers and mentors

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