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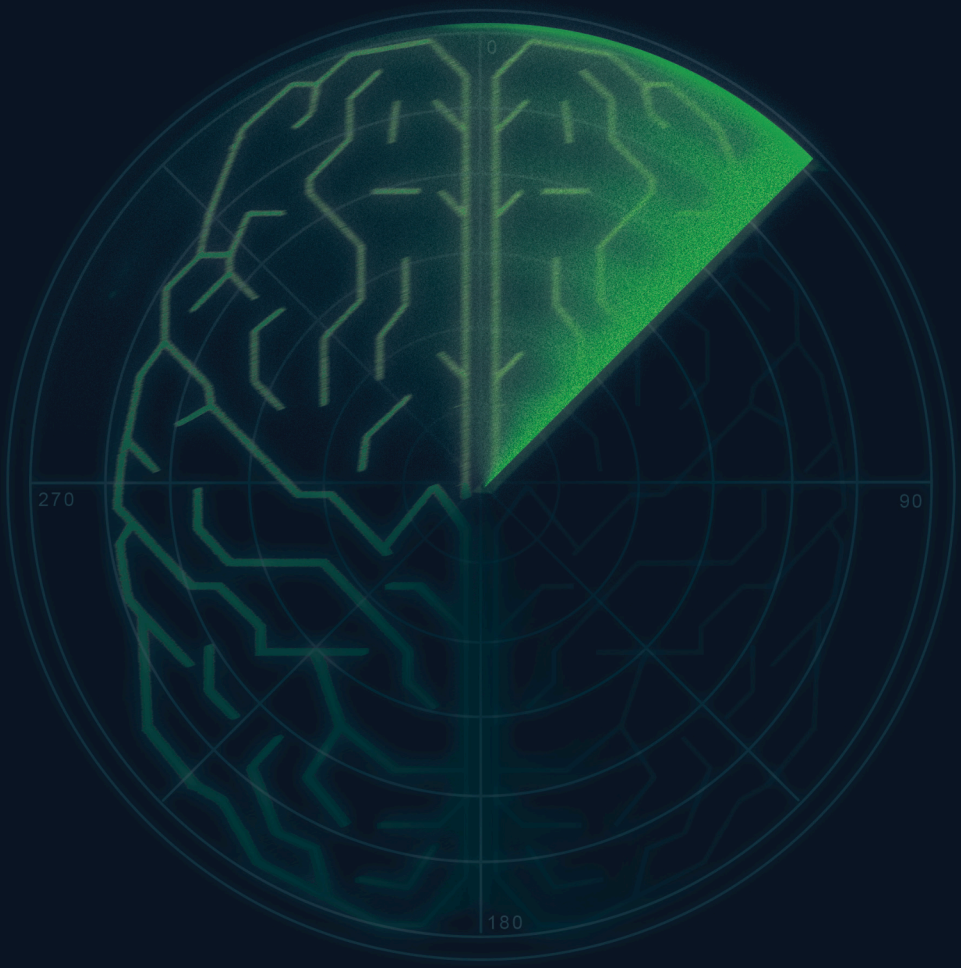
EXPLORING A NEW DIRECTION IN DEEP BRAIN STIMULATION



Timo Rafael ten Brinke

Exploring a new direction in deep brain stimulation

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The studies described in this thesis were performed at the Department of Neurosurgery and the Department of Neurology of the Amsterdam UMC, location AMC, Amsterdam, The Netherlands, with the exception of the studies described in chapter 6 and 8, which were performed at the Movement Disorders Clinic of the Toronto Western Hospital, Toronto, Canada.

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Exploring a new direction in deep brain stimulation

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ter verkrijging van de graad van doctor
aan de Universiteit van Amsterdam
op gezag van de Rector Magnificus
prof. dr. ir. P.P.C.C. Verbeek
ten overstaan van een door het College voor Promoties ingestelde commissie,
in het openbaar te verdedigen in de Agnietenkapel
op woensdag 24 juni 2026, te 16.00 uur

door Timo Rafael ten Brinke
geboren te São Romão

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