

SPEAKERS



BAS NEGGERS, PHD
Brain Science Tools

Bas Neggers was trained as a biophysicist at the University of Nijmegen and obtained his PhD degree at the Max Planck Institute in Munich in 2000. He founded Brain Science Tools in 2011 in order to pursue valorization of techniques developed at the UMC Utrecht to help patients benefit from innovative approaches.

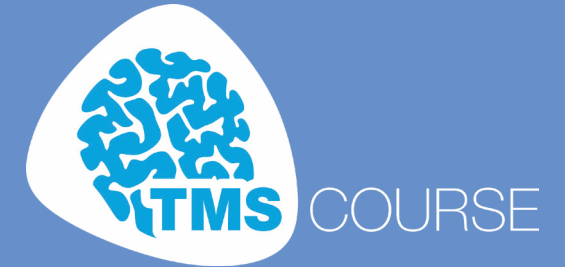
12-13 DECEMBER 2020

Hotel Mitland
Ariënslaan 1, 3573PT Utrecht
The Netherlands

WWW.TMSCOURSES.NL



PRELIMINARY PROGRAM



FOR CLINICIANS & RESEARCHERS

12-13 DECEMBER
2022

ABOUT THE COURSE

We are pleased to invite you to join our annual two-day TMS course in Utrecht, the Netherlands. It is intended for clinicians who want to apply TMS in everyday practice as well as for researchers working in academic hospitals and research laboratories. Our training program includes lectures, workshops and intensive and practical 'hands-on' sessions on diverse topics with the use of devices for TMS, EMG and neuronavigation. The course is hosted by dr. Bas Neggers, Associate Professor at the UMC Utrecht and CEO of Brain Science Tools.

REGISTRATION

For more information visit our course website at:

WWW.TMSCOURSES.NL

This course is organized by Brain Science Tools, a University Medical Center Utrecht spin off company, in collaboration with Neurosoft

DAY 1 CLINICAL USE OF TMS, EMG AND NEURONAVIGATION

- 09.00 WELCOME & COFFEE**
- 09.30** Introduction to TMS
- 10.15** Introduction to neuronavigation by Bas Neggers
- 10.45 COFFEE BREAK**
- 11.00** Invited speaker slot (speaker TBA)
- 12.00** Panel Discussion, Q&A
- 12.30 LUNCH BREAK**
- 13.30** TMS treatment for psychiatric disorders (speaker TBA)
- 14.30** TMS treatment of psychiatric disorders - practical
- 15.45 COFFEE BREAK**
- 16.15** MRI-guided Neuronavigation for TMS treatment by Bas Neggers
- 16.45** MRI-guided neuronavigation - Practical by Robin Kusters
- 17.35** Day 1 wrap up
- 18.30 DINNER**

DAY 2 ADVANCES IN TMS, EMG AND NEURONAVIGATION

- 09.00** Biophysics of TMS: What is happening in the brain? by Bas Neggers
- 09.40** TMS Outcome measures
- 10.20 COFFEE BREAK**
- 10.35** TMS Outcome measures - Practical
- 11.15** TMS treatment of Neurological disorders (speaker TBA)
- 12.15** TMS treatment for upper limb recovery after stroke by Jord Vink
- LUNCH BREAK**
- 12.45** TMS treatment for neurological disorders - Practical
- 13.45** Insights from TMS during fMRI: What happens in the brain during DLPFC stimulation? by Jord Vink
- 15.10 COFFEE BREAK**
- 15.55** Introduction to navigated TMS motor mapping - Practical by Bas Neggers
- 16.00** Continued practicals
- 16.40** Day 2 wrap up
- 17.35**