

WELCOME

Welcome to the 2nd „NAVIGO“, a symposium on spatial navigation.

„NAVIGO“ took place for the first time in April 2015. It aims to discuss recent research findings on navigation in human and non-human species regarding behavioural aspects, neurophysiology on the cellular level and on the network level.

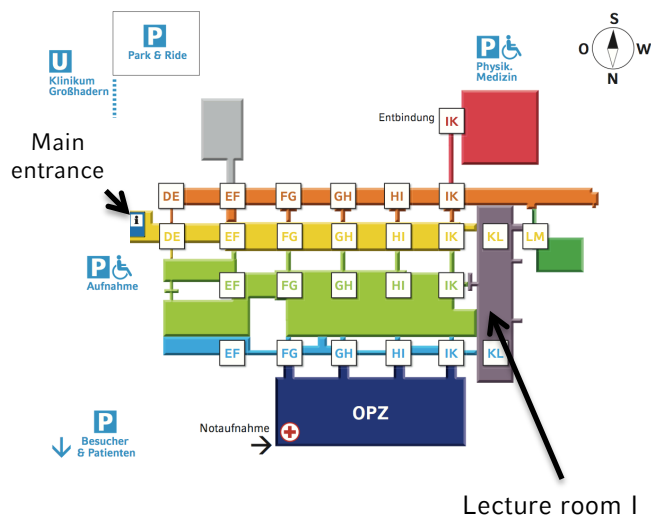
An interdisciplinary cross-talk between basic research with animal models and applied navigation research in humans is the major aim of „NAVIGO“.

M. Dieterich
T. Brandt
S. Glasauer
F. Schöberl
V. Flanagin

How to get to
Klinikum Großhadern, Munich
Lecture room I

Marchioninistraße 15
81377 Munich

From the Central Train Station take the U-Bahn (subway) line U1 or U2 to Sendlinger Tor. Change to U6 in the direction of Klinikum Großhadern and get off at the last stop Klinikum Großhadern.



NAVIGO

II. Munich Symposium on Spatial Navigation

Munich,
15th March 2016



Tuesday, 15th March 2016
Klinikum Großhadern,
Lecture room I

10:00 – 10:15 Welcome and introduction
Prof. Dr. S. Glasauer
(Munich, Germany)

10:15 – 10:45 Using virtual reality to
study rodent navigation
Dr. K. Thurley
(Munich, Germany)

10:45 – 11:15 The role of theta oscillations
for memory and space coding
in rodents
Prof. Dr. A. Sirota
(Munich, Germany)

11:15 – 11:45 How does the brain represent
space? Insights from direct
recordings of human grid
cells and theta oscillations
Prof. Dr. J. Jacobs
(New York, USA)

11:45 – 12:15 Brain activity patterns during
distance and time estimation
Dr. V. Flanagan
(Munich, Germany)

12:15 – 14:00 Lunch break and poster
discussions

14:00 – 14:30 Human navigation in real
environments – a novel
approach with chances and
limitations
PD Dr. A. Zwergal
(Munich, Germany)

14:30– 15:00 Parietal vs. medial temporal
mechanisms of location
coding
Prof. Dr. T. Wolbers
(Magdeburg Germany)

15:00 – 15:30 Navigating human memory:
Inspiration and divergence
from rodent models
Prof. Dr. A. Ekstrom
(Davis, California, USA)

15:30 – 15:45 Summary
Dr. F. Schöberl
(Munich, Germany)

Sponsoring:



SIEMENS

π.pmod



münchener
universitätsgesellschaft
Gesellschaft von Freunden und Förderern der
Ludwig-Maximilians-Universität München e.V.

LMU
MUNICH
CENTER FOR
NEUROSCIENCES
MCN

IMPORTANT INFORMATION



Conference Venue:

Klinikum Großhadern
Marchioninistraße 15
81377 Munich, Germany

Registration:

Please register via email to
florian.schoeberl@med.uni-muenchen.de
(no registration fees)

Welcome dinner:

Monday, 14th March 2016, 7pm
„Haderner Augustiner“
Würmtalstraße 113, 81375 München

Organisation:

Neurologische Klinik und Poliklinik der
Ludwig-Maximilians-Universität München
Marchioninistraße 15
81377 Munich
<http://www.klinikum.uni-muenchen.de/>

Deutsches Schwindel- und
Gleichgewichtszentrum (DSGZ)
[http://www.deutsches-
schwindelzentrum.de/](http://www.deutsches-schwindelzentrum.de/)