Program is subject to change.
Last update September 25th, 2017

Junior Research Track [1] TMS	
Tuesday 16 January 2018	
09:00	Arrival Junior Researchers
14:00	Introduction (I): Principles of Neuronavigated TMS *Presentation on the fundamentals of TMS, including the origin, components and common protocols. Furthermore, best and safest lab practices to achieve optimal results will be discussed.*
15:00	Introduction (II): TMS Applications *Both clinical and research applications of navigated TMS will be introduced with focus on the most common applications like depression, pain, and presurgical mapping.*
15:30	Introduction (III): Multimodal TMS *Co-registration of TMS with other methodologies like EEG (mainly research-based) will be described.*
16:00	Break
16:30	Hands-on Session: Introduction of a complete Neuronavigated TMS System Solution *Introduction of visor2 system (as a complete neuronavigated TMS solution), explanation of the product range and the system components as preparation for demo session thereafter.*
17:00	Live Demo: Motor Mapping Session *Hands-on motor-mapping session with visor2 ST to try and find the resting motor-threshold of a real subject to measure some motor-evoked potentials.*
18:30	Social Gathering
19:30	Welcome Dinner
Wednesday 17 January 2018	
08:00	Presentation: Language Mapping using Object and Action Naming under Navigated Transcranial Magnetic Stimulation *Action Naming Test will be introduced by Ann-Katrin Ohlerth (Department of Applied Linguistics, University of Groningen, The Netherlands) along with an Object Naming Test. Results of a related pilot study will then be presented.*
09:00	Live Demo: Speech Mapping Session *Hands-on speech-mapping session with visor2 ST, to see how TMS can induce aphasia (for a few seconds) and to find the most relevant language-eloquent cortical areas.*
12:00	Concluding Remarks
13:00	Lunch
14:00	Satellite Event ANT Neuromeeting 2018: Functional Pre-Surgical Mapping - In-depth Understanding *This event is dedicated to presurgical motor and speech mapping and its added value for neurosurgeons to decide about the extent of brain tumor resection while keeping the post-surgery risks (e.g. of aphasia) as low as possible.*

	The direct comparison of nTMS and intraoperative DES will be described with the data acquired in Kings College Hospital (London, United Kingdom). As a relevant discussion, the applications and advantages of navigated TMS in patients with epilepsy are presented.
18:00	Wine Tasting & Welcome Diner

The registration fee includes training materials, welcome dinner, lunch (1x), tea & coffee breaks as well. If the minimum number of participants has not been reached on 15 December 2017, it may be re-scheduled or cancelled.

In this case, you will be fully refunded. In case you need to cancel your participation, please inform us by writing an email stating the cancellation and cancellation date. All cancellations received until 1 December, 2017 will be processed free of charge. Cancellations made after 1 December 2017, as well as registrants who fail to attend, will be charged a full registration fee. Only cancellations received in writing can be considered.