

Brain Products Distributors

Brain Products 6th Distributor Meeting

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It has been a long tradition at Brain Products to regularly get together with our distributors from all over the world. During these 2-day meetings typically the recent past is reviewed, new product developments are presented and potential problems as well as their solutions are discussed.

Brain Products' 6th Distributor Meeting was held just a couple of weeks ago (November 16th/17th, 2009) at the Holiday Inn Hotel in Munich / Germany. 25 attendees representing 21 countries were joining us and eager to see what Brain Products has software- and hardware-wise in the pipeline for 2010.

But, let's see more in detail what the given talks were about!



Day 1

The schedule of the first meeting day focused on the presentation of upcoming hard- and software developments as well as our new solutions for EEG recording during TMS stimulation. The latter is an extremely interesting application for which Brain Products and its new business partners MAG & More (TMS Stimulator maker) and EMS (Neuronavigation System manufacturer) have invested a lot of resources.

The idea is to offer our customers a product bundle including all-that-you-need for advanced EEG and TMS co-registration. As described more in detail in another article in this Press Release, phase synchronizing the master clock of the PowerMAG (TMS stimulator) with the BrainAmp's internal clock is one of the unique features offered by this product combination. Recording drift-free TMS pulses and markers allows very accurate evoked potential analysis as well as opens up new scenarios in the correction of the TMS-induced arti-

facts. The construction of the PowerMAG minimizes the impact of the coil recharge artifact as well as mains system noise on EEG data.

Moreover the Softaxic (neuronavigation system) does not only help users to aim for the right target area but also records continuously the position of the TMS coil with respect to the head position during the whole measurement. This information can be imported in our BrainVision Analyzer 2 software and used throughout the EEG data analysis. For example during a TMS evoked potential analysis this function is very useful to discard all the epochs in which the position of the TMS coil deviated too much from the target area. If we add to the above the fact that when using our BrainAmp systems scientists have found physiological activity just 5 msec after a TMS stimulation, it is clear that the combination of these 3 products is truly something unique in the world of EEG/TMS measurements.

Day 2

In this second day of our meeting the given talks focused on topics like what Brain Products offers for BCI research (now and in the future), MRI safety aspects that need to be taken into consideration when combining EEG & fMRI as well as which solutions the company EasyCap (EEG cap maker) offers for different research applications.

A lot of attention was raised by the presentation of a P300 speller (see related article in this issue of our Press Release), a software application that allows spelling words by using the brain electrical activity measured at the scalp level. Our colleague Michael Jachan, who wore a 16-channel actiCAP system connected to a V-Amp 16 amplifier, was able to spell words suggested directly by the enthusiastic audience.

Although the meeting program was pretty packed on both days we wanted to make sure - as always - that it's not all about work and business only. Therefore we organized a bowling tournament in the evening of the first day and the diversion was very well accepted by everybody.

We truly hope everybody attending enjoyed the meeting as much as we did and would like to thank all attendees again for their valuable inputs. We are looking forward to keep fruitfully collaborating with all our distributors in the future and hope to see many of them again at our next distributor meeting. ●

