

# To the attention of Master Thesis Candidates



Did you know that fine manual control is affected by mental calculation during a postural but not during a dynamic contraction?

This is something that we have discovered here at the institute of human movement science!

The reasons for this are still unknown though. It could be that the brain and the muscles start to “play” in a synchronous way, and we want to test this hypothesis in a project that could become the topic of your master thesis:

## The effects of mental calculation on motor control An insight into the cortico-muscular mechanisms

If you are interested, then do not miss this opportunity to participate to a research project as part of your final dissertation.

- You will gain hands-on experience on advanced testing techniques in the field of neurophysiology;
- You will benefit of qualified guidance and supervision;
- You will co-author a publication on a high-ranking international journal.

**The project will take about 6 months and we will be ready to start already from mid-July!!**

For more information you can contact Dr. Budini at the following email address:  
*francesco.budini@uni-graz.at*