

# Workshop title: Current EEG applications in Neuroergonomics: learning by doing

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The focus of this workshop will be on the application side of EEG in the context of Neuroergonomics. A lot of previous efforts were mainly theoretical or overly simplistic in terms of research setup. We will display use-cases and previously reported research. We will also report on the abilities and shortcomings of technical side and methodology, and comment on future trends. The workshop will focus on EEG-use cases, and general knowledge will be required. No advanced linear algebra/signal processing expertise is needed. The workshop is aimed at providing general guidelines and update participants on the current state of the art.

## Keywords (max. 5)

EEG, mobile EEG, Applied Neuroergonomics, Mobile Brain/Body imaging  
(the list of provided keywords was a dead link)

## Prerequisites (if any; or none)

Participants are expected to have a general knowledge on EEG, its limits and potentials. Hands on experience with wet and dry EEG systems is a plus. The level of data processing can be limited to ability to use processing toolboxes, such as EEGLab.

## Workshop Schedule (September 14<sup>th</sup>, 13:00h – 14:00 CET)

## Maximum Intake

The workshop will be held online with maximal number of 100 participants

## Webpage and youtube channel sources

- [www.mbraintrain.com](http://www.mbraintrain.com)
- <https://www.youtube.com/channel/UCGtpku8Bixc3A2aUDxnjYWQ>