

Opinion of the Ethics Committee for Research of the University of West Bohemia on a research project proposal

Project title: Automatic detection of sleep spindles by deep learning methods
(*Automatická detekce spánkových vřetének pomocí neuronových sítí*)

Department/institute/office submitting the request:
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Members of the Ethics Committee of the University of West Bohemia:

chairperson: Ing. Alena Lochmannová, Ph.D., MBA
deputy chairperson: doc. Ing. Jiří Hammerbauer, Ph.D.
members: prof. MUDr. et Mgr. Zbyněk Tonar, Ph.D.
doc. Mgr. Dana Buršíková, Ph.D.
JUDr. Petra Hrubá Smržová, Ph.D.

Based on the request for evaluation of the research project proposal of 22 December 2021, the Ethics Committee for Research of the University of West Bohemia has assessed the submitted documents regarding the project "*Automatic detection of sleep spindles by deep learning methods*", see the attachment, and states the following.

The description of the planned research implies that:

- the participants in the experiment are volunteers whose human dignity will not be violated and who will not be subjected to any physical, psychological or social risks during the experiment,
- only anonymous data are to be collected from research participants and there are safeguards in place to protect their privacy and personal data pursuant to the applicable laws.

Based on the documents that have been submitted, the Ethics Committee grants consent to the performance of the experiment under the conditions stated in the request for evaluation of the research project.

In Pilsen, 24 January 2022

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Ing. Alena Lochmannová, Ph.D., MBA
Chairperson

Annex(es):

1. Request for evaluation of a research project