

ID: MSCA-2020-JSchependom01

Title: Cognition and Modelling

The cognition and modelling group is an interdisciplinary research group with many national and international collaborations. We work mainly on cognitive impairment in multiple sclerosis patients. A first line of research is the characterisation of cognitive impairment through neuropsychological testing, analysis of neurophysiological or neuroanatomical data. We aim at leveraging recent advances in AI research in order to develop novel biomarkers and novel insights. A second line is assessing the effects of cognitive and motor rehabilitation on cognitive impairment and deterioration.

Postdoctoral research fellows who have interest in applying their knowledge on a large multimodal dataset (including MEG, DWI, T1, FLAIR, ...) or who are interested in translating advances in AI research into interpretable tools for clinical practice are welcome too.

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Research group: <https://c4n.be/index.php/research/cognition-and-modelling/>

To apply: <https://www.vub.ac.be/en/european-liaison-office#apply-msca-if>