

# ÁGOTA VASS

## CURRICULUM VITAE

Final-year PhD student at Semmelweis University  
Budapest, Hungary

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## EDUCATION

BSc	2023 – Present
<b>Óbuda University</b> , Budapest, Hungary Computer Science Engineering	
Ph.D.	2021 – Present
<b>Semmelweis University, Department of Psychiatry and Psychotherapy</b> , Budapest, Hungary Mental Health Sciences Doctoral School – Clinical Neuroscience Program Research topic: Transdiagnostic examination of resting state EEG spectral and spatio-temporal dynamics in schizophrenia and autism spectrum disorder	
M.S.	2019 – 2021
<b>Budapest University of Technology and Economics</b> , Budapest, Hungary Cognitive and Computational Neuroscience	
Summer University of Desautels Faculty of Management <b>McGill University</b> , Montréal, Canada	2017
M.A. (Honours) <b>University of Glasgow</b> , Glasgow, United Kingdom Economics	2013 – 2017

## RESEARCH TRAINING

<b>5<sup>th</sup> Annual Nepal AI School</b>	2025
NAAMII - Nepal Applied Mathematics and Informatics Institute for Research	
<b>Porto EEG/ERP Summer School</b>	2024
Laboratory of Neuropsychology, University of Porto	
<b>Computational Psychiatry Course Zürich</b>	2022
Translational Neuromodeling Unit (TNU), University of Zurich & ETH Zurich	
<b>Neurex Advanced Tools for Data Analysis in Neuroscience</b>	2022
University of Strasbourg	
<b>Advanced Regression Summer Course in R</b>	2022
University of Vienna & Eötvös Lóránd University	

## PUBLICATIONS

**Vass, Á.**, Farkas, K., Lányi, O., Kói, T., Csukly, G., Réthelyi, M. J., Baradits, M. (2025) Current status of EEG microstate in psychiatric disorders: a systematic review and meta-analysis. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*. *Accepted for publication*.

Vass, Á., Csukly, G., Farkas, K. (2024). Transdiagnostic conceptualization of schizophrenia and autism spectrum disorder. An integrative framework of minimal self disturbance. *Neuropsychopharmacologia Hungarica* 26: 4 pp. 218-226.

Sörnyei, D., Vass, Á., Németh, D., Farkas, K. (2024). Autistic and schizotypal traits exhibit similarities in their impact on mentalization and adult attachment impairments: a cross-sectional study. *BMC Psychiatry* 24:1 Paper: 654, 16 p.

Vass, Á., Becske, M., Szöllősi, Á., Racsmány, M., Polner, B. (2022). Positive schizotypy is associated with amplified mnemonic discrimination and attenuated generalization. *European Archives of Psychiatry and Clinical Neuroscience*. <https://doi.org/10.1007/s00406-022-01430-8>

Vass, Á., Polner, B. (2022). Paranoia and game theory: Altered interpersonal functioning through the lens of interactive games. *Schizophrenia Research*. 241, 116-118.  
<https://doi.org/10.1016/j.schres.2022.01.034>.

#### **PRESENTATIONS (Presenting first author)**

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##### **The 46<sup>th</sup> Annual Meeting of the Japan Neuroscience Society (FENS Travel Award recipient) -**

Vass Á., Csukly G., Baradits M., Farkas K. Transdiagnostic EEG Microstate Analysis in Schizophrenia and Autism Spectrum Disorder (August, 2023). *Sendai, Japan*.

##### **5<sup>th</sup> Biennial International Symposium – Brain and Neuroplasticity. Structural and Molecular Aspects**

Vass Á., Csukly G., Baradits M., Farkas K. Transdiagnostic EEG Microstate Analysis in Schizophrenia and Autism Spectrum Disorder – Potential Biomarker of the Two Disconnectivity Disorders? (August, 2023). *Tbilisi, Georgia*.

##### **7<sup>th</sup> Human Brain Project Student Conference on Interdisciplinary Brain Sciences**

Vass Á., Csukly G., Baradits M., Farkas K. Transdiagnostic EEG Microstate Analysis in Schizophrenia and Autism Spectrum Disorder – Can Microstate Parameters Aid the Differential Diagnosis of the Two Dysconnectivity Disorders? (January, 2023). *Madrid, Spain*.

##### **Neuronus Neuroscience Forum 2022**

Vass Á., Stylianou O., Rácz F. S., Káposzta Z., Czoch Á., Kim K., Yabluchanskiy A., Farkas K., Csukly G., Eke A., Mukli P. Impact of aging on multifractal functional connectivity and its association with cognitive performance: an EEG study (October, 2022). *Krakow, Poland*.

##### **EPA 2022 – 30<sup>th</sup> European Congress of Psychiatry**

Vass Á., Becske, M., Szöllősi, Á., Racsmány, M., Polner, B. Unusual Perceptual Experiences and Beliefs Are Associated with Amplified Mnemonic Discrimination and Attenuated Generalization (June, 2022). Online.

##### **5<sup>th</sup> Hungarian Neuroscience Meeting for Undergraduates Students, Graduate Students, and Junior Postdocs**

Vass Á., Becske, M., Szöllősi, Á., Racsmány, M., Polner, B. Unusual Perceptual Experiences and Beliefs Are Associated with Amplified Mnemonic Discrimination and Attenuated Generalization (January, 2022). *Budapest, Hungary*.

##### **XII. Dubrovnik Conference on Cognitive Science (DUCOG)**

Vass Á., Becske, M., Szöllősi, Á., Racsmány, M., Polner, B. Unusual Perceptual Experiences and Beliefs Are Associated with Amplified Mnemonic Discrimination and Attenuated Generalization (May, 2021), Online.

##### **5<sup>th</sup> Human Brain Project Student Conference on Interdisciplinary Brain Sciences**

Vass Á., Becske, M., Szöllősi, Á., Racsmány, M., Polner, B. Amplified Mnemonic Discrimination and Attenuated Generalization Are Associated with Positive Schizotypy (February, 2021), Online.

### **SELECTED AWARDS**

<b>NAAMII Scholarship to Attend the 5<sup>th</sup> Annual Nepal AI School</b> Nepal Applied Mathematics and Informatics Institute for Research, Kathmandu, Nepal	2025
<b>Pannonia Scholarship for short-term mobility to attend the 5<sup>th</sup> Annual Nepal AI School</b> Óbuda University, Budapest, Hungary	2025
<b>Semmelweis Symposium Best Poster Presentation Award</b> Semmelweis University, Budapest, Hungary	2024
<b>FENS Travel Award to attend the 46th Annual Meeting of the Japan Neuroscience Society</b> Federation of European Neuroscience Societies	2023
<b>SE 250+ Doctoral Scholarship for Excellence</b> Semmelweis University, Budapest, Hungary	2023
<b>ÚNKP-22-3-I New National Excellence Grant</b> of the Ministry for Culture and Innovation from the National Research, Development and Innovation Fund, Budapest, Hungary	2022
<b>Natural Science Department Student Excellence Award</b> Budapest University of Technology and Economics, Budapest, Hungary	2021
<b>Full Scholarship to attend the Summer University of the Desautels Faculty of Management</b> McGill University, Montréal, Canada	2017
<b>Adam Smith Scholar Award of Excellence</b> University of Glasgow, Glasgow, United Kingdom	2017