



Borbála Berki

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Nationality: Hungarian

ABOUT ME

I am a versatile researcher with a Ph.D. in information science and a strong background in cognitive psychology. My research interests have primarily focused on exploring the human cognitive aspects of virtual reality, but I am also passionate about the emerging field of cognitive infocommunications.

EDUCATION AND TRAINING

[2017 – 2023]

PhD in Information Science (summa cum laude)

Széchenyi István University, Doctoral School of Multidisciplinary Engineering Sciences (MMTDI)

- thesis: Investigating Human Cognitive Abilities and Emerging Performance in Desktop Virtual Reality

[2015 – 2017]

Psychology MSc

Budapest University of Technology and Economics

- specialization in Cognitive Psychology

[02/2017 – 07/2017]

Erasmus+

Università degli Studi di Trento

[2012 – 2015]

Human Behaviour Analyst (Psychology BA)

Universtiy of Szeged

PUBLICATIONS Scientific publications and citations

[MTMI](#): 23 publications (1 bookchapter, 9 journal articles, 13 conference papers)

Independent citaions: 271 (h-index: 8)

[Scopus citations](#): 209 (h-index: 8)

SCHOLARSHIPS & AWARDS

[2019 – 2020]

New National Excellence Program

Comparing virtual reality navigation technologies in terms of efficiency, user experience, and presence

[2018 – 2019] **New National Excellence Program**

Cognitive characteristics underlying the effectiveness of 3D virtual spaces

[2015] **Talent Scholarship and List of Excellence, University of Szeged**

[2015] **Special Award - National Scientific Students' Associations Conference (OTDK)**

[2014] **III. prize - Local Scientific Students' Associations Conference (TDK)**

[2015] **Campus Hungary Scholarship**

Knowledge Exchange among Psychology Students - University of Limerick, Ireland

PARTICIPATION IN

SCIENTIFIC FORA

Technical Program Committee Membership

IEEE International Conference on Cognitive Aspects of Virtual Reality, 2022-2023

IEEE International Conference on Internet of Digital Reality, 2022

IEEE International Conference on Cognitive Infocommunications (CogInfoCom), 2019-2023

Peer Reviewer

Acta Polytechnica Hungarica, 2022-2023

Frontiers in Psychology, 2023

Psychological Research, 2023

Infocommunications Journal, 2022-2023

Computers & Education, 2021-2022

Frontiers in Computer Science, 2021

IEEE Associate Member, 2023 -

WORK EXPERIENCE

[2023 –]

Assistant Professor and Junior Research Fellow

Corvinus University of Budapest

[2022 – 2023]

Assistant Lecturer

Óbuda University, Budapest

[2022 –]

Assistant Research Fellow

Eötvös Loránd Research Network - Cognitive Mapping of Decision Support Systems Research Group

[2020 – 2022]

Psychological Researcher

Civil Biztonsági Szolgálat Zrt. – Aptitude Testing, Skills Development and Training Center

LANGUAGE SKILLS

Mother tongue(s): Hungarian

Other language(s): English, French, Italian