Anna Sudár

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ABOUT ME

My research interest is Cognitive Infocommunications with special focus on spatial cognition and the examination of general cognitive abilities (typical and atypical) in virtual reality. I am also interested in how cognitive load can be optimized in different digital environments and what solutions can enhance effectiveness and decision-making.

SCIENTIFIC / ACADEMIC DEGREES

[2023] PhD

Széchenyi István University

Multidisciplinary Doctoral School of Engineering Sciences

EDUCATION

[2019 – 2023] PhD in Information Science (summa cum laude)

Széchenyi István University, Doctoral School of Multidisciplinary Engineering Sciences

[2015 – 2018] Cognitive Science MsC

Budapest University of Technology and Economics

[12/05/2016 – 05/08/2016] BSCS Systems Neuroscience summer university

Hungarian Foundation of Cognitive Science, BSCS-US LLC, Kalamazoo College, MI, USA, ELTE

[02/2015 – 05/2015] Erasmus

Inspire: Foundation for inclusion - Malta

[2011 – 2015] Special Needs Education BA

Eötvös Loránd University

PUBLICATIONS

Scientific publications and citations

Publications:

19 (1 book chapter, 5 journal papers, 13 conference papers)

Independent citations: 194 (h-index: 4)

Scopus citations: 127 (h-index: 3)

MTMT

Scopus

Google Scholar

SCIENTIFIC PUBLIC ACTIVITY

Organization of special tracks and sessions of international scientific conferences

- 12th IEEE International Conference on Cognitive Infocommunications (Virtual Reality track)
- 11th IEEE International Conference on Cognitive Infocommunications (Virtual Reality track)
- 10th IEEE International Conference on Cognitive Infocommunications (Virtual Reality track)

Participation in the organization of international scientific conferences

- IEEE International Conference on Cognitive Infocommunications 2017-2023
- IEEE International Conference on Cognitive Aspects of Virtual Reality 2022-2023
- IEEE International Conference on Cognitive Mobility 2022-2023
- IEEE International Conference on Internet of Digital Reality 2022
- IEEE International Conference on Gridding and Polytope Based Modelling and Control 2019-2020

[2022 – Current] Membership

- IEEE Associate Member
- Technical Program Committee Membership at IEEE conferences
  - IEEE International Conference on Cognitive Aspects of Virtual Reality, 2022-2023
  - IEEE International Conference on Cognitive Infocommunications, 2022-2023

[2018 – Current] Other scientific public activity

- Coordinating the editorial processes of Special Issues published in international journals related to Cognitive Infocommunication
- Peer reviewer at Infocommunications Journal, 2023
- Session Chair at the IEEE International Conference on Cognitive Aspects of Virtual Reality, 2023

WORK EXPERIENCE

[10/2023 – Current] **Assistant research fellow**

Corvinus University of Budapest

[10/2022 – 10/2023] **Assistant lecturer**

Óbuda University

[07/2022 – Current] **Assistant research fellow**

Eötvös Loránd Research Network

[2020 – 2023] **Business Analyst Lead**

MaxWhere Zrt.

[2020 – 2022] **Cognitive scientist**

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

[2017 – 31/07/2022] **Research assistant**

Széchenyi István University, VR-Learning Center

[09/2014 – 06/2015] **Teaching assistant**

Eötvös Loránd University, Institute for the Psychology of Special Needs

[09/2013 – 05/2014] **Research assistant**

Eötvös Loránd University, Inst. of Spec.l Needs Edu.for People with Atyp. Behaviour and Cognition

PARTICIPATION IN INTERNATIONAL PROJECTS

[01/02/2022 – 31/01/2025] **"MATH- DIGGER - MATHematics DiGital Escape Rooms"**

Erasmus + project

[01/09/2020 – 31/07/2023]

Upgrading pre- and in-service teachers' digital skills with online STEAM hands-on training modules

Erasmus + project

LANGUAGE SKILLS

Mother tongue(s): Hungarian

Other language(s): English , German