



Cristian Pamparau

✉ Email address: pamparaucristian0@gmail.com

☎ Phone number: (+40) 751896482 🌐 Website: <https://gitlab.com/cpamparau>

🌐 LinkedIn: <https://www.linkedin.com/in/cristian-pamparau-53279a139/>

Gender: Male Date of birth: 15/02/1995 Nationality: Romanian

WORK EXPERIENCE

[01/11/2020 – 01/08/2022] **Research Assistant - Project no.: PN-III-P2-2.1-PED-2019-4599; Contract no.: 347PED/2020**

MintViz Lab, MANSiD Research Center, Stefan cel Mare University of Suceava

Main activities and responsibilities:

See details here: <http://www.eed.usv.ro/mintviz/projects/ISELMIR/index.php>

[09/03/2022 – Current] **Research Assistant - Project no.: PN-III-P4-ID-PCE-2020-0434; Contract no.: PCE29/2021**

MintViz Lab, MANSiD Research Center, Stefan cel Mare University of Suceava

Main activities and responsibilities:

See details here: <http://www.eed.usv.ro/mintviz/projects/SensorimotorRealities/index.php>

[01/2021 – Current] **Research Assistant - Project no.: PN-III-CEI-BIM-PBE-2020-0001; Contract no.: 1BM/2021**

MintViz Lab, MANSiD Research Center, Stefan cel Mare University of Suceava

Main activities and responsibilities:

See details here: <http://www.eed.usv.ro/mintviz/projects/RadarSense/index.php>

[01/10/2020 – Current] **Teaching Assistant in Computer Science**

Faculty of Electrical Engineering and Computer Science, University of Suceava, Romania

City: Suceava

Country: Romania

Main activities and responsibilities:

- Teaching Introduction to Computer Programming (Spring Semester) and Object Oriented Programming (Fall Semester)
- Research in Extended Reality (Virtual Reality, Augmented Reality, Mixed Reality) for Enhancing Sensory and Cognitive Abilities

EDUCATION AND TRAINING

[2014 – 2018] **BS in Computer Science**

University Stefan cel Mare of Suceava

Address: Universitatii 13, 720229, Suceava, Romania

[2018 – 2020] **MS in Computer Science**

University Stefan cel Mare of Suceava

Address: Universitatii 13, 720229, Suceava, Romania

Thesis: Augmented Reality Systems Using Microsoft HoloLens and Gesture-Based Interactions

[10/2020 – Current] **PhD Student in Computer Science**

University Stefan cel Mare of Suceava, MintViz Lab, MANSiD Research Center

Address: Universitatii 13, 720229, Suceava, Romania

Thesis: Extended Reality for Enhancing Sensory and Cognitive Abilities

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

DIGITAL SKILLS

My Digital Skills

Technologies

Valgrind | Visual Studio | Eclipse | HoloLens | QtCreator | Doxygen | CMake | Git | JSON | Google Cloud Services | XML, JSON, CSV, YAML | Google Sanitizers | Unity | GTest/GMock | Protobuf

Software Development/Programming languages

Java | SQL | C | Multithreading | Python | Boost C++ | Design Patterns | C++ | Client - Server Model | Object Oriented Programming | C++11 | C++ STL Libraries

Operating Systems

Windows | Linux

PUBLICATIONS

The User Experience of Journeys in the Realm of Augmented Reality Television

<http://www.eed.usv.ro/mintviz/publications/2022.IMX.1.pdf>

Cristian Pamparău, Radu-Daniel Vatavu. (2022). **The User Experience of Journeys in the Realm of Augmented Reality Television**. Proceedings of IMX '22, the ACM International Conference on Interactive Media Experiences (Aveiro, JB, Portugal). ACM, New York, NY, USA, 13 pages. In Proceedings of IMX '22, the ACM International Conference on Interactive Media Experiences (Aveiro, JB, Portugal). ACM, New York, NY, USA, 6 pages.

Scenario-based Exploration of Integrating Radar Sensing into Everyday Objects for Free-Hand Television Control

<http://www.eed.usv.ro/mintviz/publications/2022.IMX.2.pdf>

Alexandru-Ionuț Șiean, Cristian Pamparău, Radu-Daniel Vatavu. (2022). **Scenario-based Exploration of Integrating Radar Sensing into Everyday Objects for Free-Hand Television Control**. In Proceedings of IMX '22, the ACM International Conference on Interactive Media Experiences (Aveiro, JB, Portugal). ACM, New York, NY, USA, 6 pages.

A System for Hierarchical Browsing of Mixed Reality Content in Smart Spaces

<https://ieeexplore.ieee.org/document/9108977>

C. Pamparău, **A System for Hierarchical Browsing of Mixed Reality Content in Smart Spaces**, 2020 International Conference on Development and Application Systems (DAS), Suceava, Romania, 2020, pp. 194-197

Experimental Evaluation of Implicit and Explicit Learning of Abstract Regularities Following Socio-Emotional Interactions in Mixed Reality

<https://ieeexplore.ieee.org/document/9786218>

Cristian Pamparău, Andrei Costea, Răzvan Jurchiș, Radu-Daniel Vatavu, Adrian Opre. (2022). **Experimental Evaluation of Implicit and Explicit Learning of Abstract Regularities Following Socio-Emotional Interactions in Mixed Reality**. Proceedings of DAS'22, the 16th International Conference on Development and Application Systems. IEEE, Washington, D.C., USA, 150-154.

XR4ISL: Enabling Psychology Experiments in Extended Reality for Studying the Phenomenon of Implicit Social Learning

<https://doi.org/10.1145/3490632.3497830>

Cristian Pamparău, Radu-Daniel Vatavu, Andrei Costea, Răzvan Jurchiș, Adrian Opre. (2021). **XR4ISL: Enabling Psychology Experiments in Extended Reality for Studying the Phenomenon of Implicit Social Learning**. Proceedings of MUM'21, the 20th International Conference on Mobile and Ubiquitous Multimedia (Leuven, Belgium). ACM, New York, NY, USA, 195-197.

Lifelogging Meets Alternate and Cross-Realities: An Investigation Into Broadcasting Personal Visual Realities to Remote Audiences

<https://doi.org/10.1007/s11042-021-11310-3>

Aiordăchioae, A., Pamparău, C. & Vatavu, RD. Lifelogging meets alternate and cross-realities: an investigation into broadcasting personal visual realities to remote audiences. *Multimed Tools Appl* (2021).

MR4ISL: A Mixed Reality System for Psychological Experiments Focused on Social Learning and Social Interactions

<https://doi.org/10.1145/3459926.3464762>

Cristian Pamparău, Radu-Daniel Vatavu, Andrei R. Costea, Răzvan Jurchiș, and Adrian Opre. 2021. **MR4ISL: A Mixed Reality System for Psychological Experiments Focused on Social Learning and Social Interactions**. In Companion of the 2021 ACM SIGCHI Symposium on Engineering Interactive Computing Systems (EICS '21). Association for Computing Machinery, New York, NY, USA, 26–31.

FlexiSee: Flexible Configuration, Customization, and Control of Mediated and Augmented Vision for Users of Smart Eyewear Devices

<https://link.springer.com/article/10.1007/s11042-020-10164-5>

Cristian Pamparau, Radu-Daniel Vatavu. (2021). **FlexiSee: Flexible Configuration, Customization, and Control of Mediated and Augmented Vision for Users of Smart Eyewear Devices**. *Multimedia Tools and Applications* 80, 30943–30968. Springer.

From Do You See What I See? to Do You Control What I See? Mediated Vision, From a Distance, for Eyewear Users

<https://doi.org/10.1145/3428361.3432089>

C. Pamparău, A. Aiordachioae, and R-D Vatavu. 2020. **From Do You See What I See? to Do You Control What I See? Mediated Vision, From a Distance, for Eyewear Users**. In 19th International Conference on Mobile and Ubiquitous Multimedia (MUM 2020). Association for Computing Machinery, New York, NY, USA, 326–328.

https://www.youtube.com/watch?v=cSISoGuYaXg&ab_channel=Radu-DanielVatavu

A Research Agenda Is Needed for Designing for the User Experience of Augmented and Mixed Reality: A Position Paper

<https://doi.org/10.1145/3428361.3432088>

C. Pamparău and R-D Vatavu. 2020. **A Research Agenda Is Needed for Designing for the User Experience of Augmented and Mixed Reality: A Position Paper**. In 19th International Conference on Mobile and Ubiquitous Multimedia (MUM 2020). Association for Computing Machinery, New York, NY, USA, 323–325.

https://www.youtube.com/watch?v=rl_oveMzSWk&ab_channel=Radu-DanielVatavu