

LISTA DE LUCRĂRI
în domeniul disciplinelor din postul didactic

A. Teza de abilitare

Virtual Environments for Education, Training and Cultural Heritage, Transilvania University of Brasov, 2016, Domain: Computers and Information Technology.

B. Teza de doctorat

Modeling space in virtual universes, Polytechnic University, Bucharest, 2004, Domain: Computers, Mention: CUM LAUDAE.

C. Carti si capitole in carti in ultimii 10 ani

1. Anata-Flavia Ionescu, D.M.Popovici, APPLICATIONS OF MULTI-AGENT SYSTEMS IN SOCIAL SCIENCES: VIRTUAL ENTERPRISES AS AN EXAMPLE, Models and Theories in Social Sciences, 311-325, Springer, ISBN: 978-3-030-00083-7, Studies in Systems , Decision and Control, ISSN: 2198-4182, , <https://doi.org/10.1007/978-3-030-00084-4>, 2019, WOS: 000847260900017
2. D.M. Popovici, Modelare si simulare comportamentala in mediile virtuale (capitol), pg. 49-102, in "Medii virtuale multimodale distribuite, volumul IV", Popovici Dorin-Mircea (coordonator), Constantin Popa, Aurelian Nicola, Eugen Petac, Ed.Universitaria, ISBN: 978-606-14-0833-7 / 978-606-14-0917-4, Ed.ProUniversitaria, ISBN: 978-606-26-0049-5 / 978-606-26-0281-9, 2015.
3. D.M. Popovici, De la agenti la avataruri (capitol), pg. 71-98, in "Medii virtuale multimodale distribuite, volumul III", Popovici Dorin-Mircea (coordonator), Eugen Zaharescu, Crenguța-Mădălina Puchianu, Dragos Sburlan, Ed.Universitaria - ISBN: 978-606-14-0833-7 / 978-606-14-0916-7 Ed.ProUniversitaria, ISBN: 978-606-26-0049-5 / 978-606-26-0280-2, 2015.

D. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

a) Articole ISI

1. Acheampong, R., Popovici, D.-M., Balan, T., Rekeraho, A., & Ramos, M. S. (2025). Enhancing Security and Authenticity in Immersive Environments. *Information*, 16(3), 191. <https://doi.org/10.3390/info16030191>, WOS:001452699400001, eISSN 2078-2489, <https://www.mdpi.com/2078-2489/16/3/191>

2. Evaluating User Experience in the Context of Cultural Heritage Dissemination Using Extended Reality: A Case Study of the Dacian Bronze Matrix with Hollow Design, Neamtu, C; Comes, R; Popovici, DM; Bautu, E; Liliana, MS; Syrotnik, A; Popovici, MI, ACM JOURNAL ON COMPUTING AND CULTURAL HERITAGE, Volume 17, Issue 2, DOI10.1145/3639933, Art. no 19, WOS:001209063600003, ISSN: 1556-4673
3. Embracing XR System Without Compromising on Security and Privacy, Acheampong, R; Balan, TC; Popovici, DM; Rekeraho, A, Proceedings of Extended Reality, XE Salento 2023, Lecture Notes in Artificial Intelligence, Volume 14218, Page: 104-120, DOI10.1007/978-3-031-43401-3_7, ISSN: 0302-9743, WOS: 001156975100007
4. Augmented Reality in Cultural Heritage: An Overview of the Last Decade of Applications, Boboc, RG; Bautu, E; Gîrbacia, F; Popovici, N; Popovici, DM, Applied Sciences-Basel, 2022, Volume 12, Issue 19, Article Number 9859; ISSN: 2076-3417; DOI: 10.3390/app12199859; WOS:000866632100001.
5. Towards an Accessible Platform for Multimodal Extended Reality Smart Environments (2022) Bran, E; Nadoleanu, G; Popovici, DM; Information, Volume 13, Issue 9, Article Number 439, eISSN:2078-2489, DOI: 10.3390/info13090439, WOS:000859450200001.
6. Interactive Exploration of Virtual Heritage by Means of Natural Gestures (2022) Popovici, DM; Iordache, D; Comes, R; Neamtu, CGD; Bautu, E. Applied Sciences-Basel, Volume 12, Issue 9, Article Number 4452, eISSN:2076-3417, DOI: 10.3390/app12094452, WOS:000794766600001.
7. Ubiquitous Computing: Driving in the Intelligent Environment (2021) Bran, E; Bautu, E; Sburlan, DF; Puchianu, CM; Popovici, DM. Mathematics, Volume 9, Issue 21, Article Number 2649, eISSN: 2227-7390, DOI: 10.3390/math9212649, WOS:000720496200001.
8. Open Affordable Mixed Reality: A Manifesto, Bran, E; Bautu, E; Popovici, DM, 2020 15TH INTERNATIONAL CONFERENCE ON DEVELOPMENT AND APPLICATION SYSTEMS (DAS), Book Group Author(s):IEEE; Pages: 177-184; Published: 2020, Document Type:Proceedings Paper; WOS:000589776100033
9. In-Vehicle Software System for Fostering Driver's Attentiveness, Bautu, E; Puchianu, CM; Bran, E; Sburlan, DF; Popovici, DM, 2020 15TH INTERNATIONAL CONFERENCE ON DEVELOPMENT AND APPLICATION SYSTEMS (DAS), Book Group Author(s):IEEE; Pages: 151-156; Published: 2020, Document Type:Proceedings Paper; WOS:000589776100028
10. A Design Space for Vehicular LifeLogging to Support Creation of Digital Content in Connected Cars, Aiordachioae, Adrian; Vatavu, Radu-Daniel; Popovici, Dorin-Mircea, Proc. of 11th ACM SIGCHI Symposium on Engineering Interactive Computing Systems (EICS), JUN 18-21, 2019, ACM, DOI: 10.1145/3319499.3328234, WOS:000524581600009, ISBN:978-1-4503-6745-5
11. Mobile Augmented Reality for Cultural Heritage: Following the Footsteps of Ovid among Different Locations in Europe, Răzvan Gabriel Boboc, Mihai Duguleană, Gheorghe Daniel

- Voinea, Cristian-Cezar Postelnicu, Dorin-Mircea Popovici and Marcello Carrozzino, Sustainability 2019, 11, 1167; doi:10.3390/su11041167
12. Puchianu C.M., Ionescu A.F., Popovici D.M., Caprioara D., Statistical software for educational researches, 12th International Scientific Conference on eLearning and Software for Education (eLSE), pg. 206-212, Bucharest, 21-22 apr, 2016, WOS:000385396600033, ISSN: 2066-026X, DOI: 10.12753/2066-026X-16-116.

b) Article BDI

1. Călin Neamțu, Radu Comes, Dorin-Mircea Popovici, Elena Băutu, Mateescu-Suciu Liliana, Adrien Syrotnik, and Matei-Ioan Popovici. 2024. Evaluating User Experience in the Context of Cultural Heritage Dissemination Using Extended Reality: A Case Study of the Dacian Bronze Matrix with Hollow Design. J. Comput. Cult. Herit. 17, 2, Article 19 (June 2024), 21 pages. <https://doi.org/10.1145/3639933>
2. Towards a Sustainable Future: Ubiquitous Knowledge and the Mixed Reality Museum E. Bran, E. Bautu, D.M. Popovici, KES2020 - 24th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, September 16-18, 2020, KES Virtual Conference Centre platform
3. Adaptive Interactive Displaying System for In-Vehicle Use, Dragos F. Sburlan, Elena Bautu, Crenguta M. Puchianu, Dorin Mircea Popovici KES2020 - 24th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, September 16-18, 2020, KES Virtual Conference Centre platform
4. In-vehicle Visualization of Data by means of Augmented Reality E. Bran, D. Sburlan, D.M. Popovici, C. Puchianu, E. Bautu, KES2020 - 24th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, September 16-18, 2020, KES Virtual Conference Centre platform
5. Design features of a VR software system for personal training in aviation Andrei Bulai, Diana Andronache, Dorin-Mircea Popovici, RoCHI 2020, Sibiu, 22-23 Oct, Romania. BDI: ACM
6. Cultural Heritage Interactive Dissemination through Natural Interaction, Emanuela Bran, Elena Bautu, Dorin-Mircea Popovici, Vasili Braga, Irina Cojuhari, Proceedings of the International Conference on Human-Computer Interaction (RoCHI2019), ISSN: 2501-9422, pg. - , Ed. MatrixRom, 2019. BDI: ACM
7. MyBand a software system for music performances assistance, Cosmin Benjamin Cristea, Dorin-Mircea Popovici, Proceedings of the International Conference on Human-Computer Interaction (RoCHI2019), ISSN: 2501-9422, pg. - , Ed. MatrixRom, 2019. BDI: ACM
8. From Exploration of Virtual Replica to Cultural Immersion through Natural Gestures (2019) DIACONESCU, C.; POPOVICI, M.I.; POPOVICI, D.M.; VR TECHNOLOGIES IN CULTURAL HERITAGE, Book Series Communications in Computer and Information Science, Volume 904, Page 109-121, DOI: 10.1007/978-3-030-05819-7_9, ISBN: 978-3-030-05819-7, ISSN: 1865-0929, eISSN: 1865-0937, WOS:000482706000009.

9. Augmenting Selection by Intention for In-Vehicle Control and Command, Catalin DIACONESCU, Dragos Florin SBURLAN and Dorin-Mircea POPOVICI, Proceedings of the International Conference on Human-Computer Interaction (RoCHI2018), ISSN: 2501-9422, pg. 107-110, Ed. MatrixRom, 2018.
10. Filter Application on Facial Features in a Smartphone App, Sofia MORAR, Elena PELICAN and Dorin-Mircea POPOVICI, Proceedings of the International Conference on Human-Computer Interaction (RoCHI2018), ISSN: 2501-9422, pg. 5-11, Ed. MatrixRom, 2018.
11. Towards a VR-based Cognitive Assessment and Rehabilitation Tool for Cognitively Impaired Elderly People, Stefan Cojocaru, Dorin-Mircea Popovici, Proceedings of the International Conference on Human-Computer Interaction (RoCHI2018), ISSN: 2501-9422, Ed. MatrixRom, 2018.
12. From Exploration of Virtual Replica to Cultural Immersion through Natural Gestures, Catalin DIACONESCU, Matei-Ioan POPOVICI and Dorin-Mircea POPOVICI, Proceedings of the 1st International Conference on VR Technologies in Cultural Heritage 2018, ISBN: 978-3-030-05819-7
13. Bran E., Popovici D.M., Software application for collaboratively studying foreign languages, Proc of ICVL 2016
14. Dorin-Mircea Popovici, Radu-Daniel Vatavu, and Mihai Polceanu. 2015. GRASphere: a prototype to augment indirect touch with grasping gestures. In Proceedings of the 14th International Conference on Mobile and Ubiquitous Multimedia (MUM '15). ACM, New York, NY, USA, 350-354. DOI=<http://dx.doi.org/10.1145/2836041.2841206>
15. Dorin-Mircea Popovici, Mihai Polceanu, and Aniela Popescu. 2015. Augmenting User Experience in Virtual Environments Through Haptic Feedback. In Proceedings of the 7th Balkan Conference on Informatics Conference (BCI '15). ACM, New York, NY, USA, , Article 10 , 6 pages. DOI=<http://dx.doi.org/10.1145/2801081.2801100>
16. Tanase,L, Popovici, D.M., Utilizarea interfetelor vizuale in interactiunea om-masina, Revista Romana de interactiune Om-Calculator, 8(1), 2015, 63-78, MatrixRom.