



Rozália Szatmáry

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research areas: Interdisciplinary examination of female infertility, the human aspect of self-driving cars, social support

Education

- Óbuda University, John von Neumann Faculty of Informatics, BSc in Computer Science Engineering (in English) (2024-)

Language Proficiency

- English – C1
- German – B2

Tudományos diákköri dolgozatok és díjak

- Perceptions of Advanced Technologies (2022, 2nd place)
- Opinions on Self-Driving Cars (2022, 1st place; 36th OTDK, Economics Section, Special Award)
- Can a Robot Become a Partner? (2023, 1st place; 37th OTDK nominee)
- Do Women Feel Differently Than Men? (2023, 1st place; 37th OTDK nominee)
- Examining the Relationship Between Technostress and Technology Acceptance Among Hungarian Youth (2024, 1st place; 37th OTDK nominee)
- Interdisciplinary Examination of Female Fertility Issues and Identification of Possible Intervention Points (November 2024, NIK)
- Analysis of Social Support in Different Demographic Groups Through a Quantitative Survey (37th OTDK nominee)

Awards

- Junior ProScientia Gold Medal (2023)
- TUDOK (XXIII. Carpathian Basin Scientific Student Conference Grand Prize, XXIV. Carpathian Basin Scientific Student Conference First Prize)
- Best Presenter of the Session, FIKUSZ Conference (2022)
- Best Presenter of the Session, MEB Conference (2022, 2023)
- Rector's Commendation, Óbuda University (2023)
- 1st place in the Premium Science Communication Program organized by the TDK Public Benefit Foundation

Memberships

- Member of the Society Informatics and Economics Research Group (2021-)
- Member of the National Association of Research Students (2022-)

- Member of the Female Fertility and Hormone Control Research Group (FFHC) (2024-)

Science Popularization Activities

- Women for Science – Program promoting information sciences (2023)
- Scientific presentation and participation in the poster session at Óbuda University's Researchers' Night event (2022, 2023, 2024)

Scientific Publications

- Szatmáry, R., & Lazányi, K. (2022, September). Are self-driving cars a safer solution? In *IFIP International Conference on Human Choice and Computers* (pp. 443-455). Cham: Springer Nature Switzerland.
- Szatmáry, R., & Szikora, P. (2023, January). Factors influencing technostress. In *2023 IEEE 21st World Symposium on Applied Machine Intelligence and Informatics (SAMI)* (pp. 000299-000306). IEEE.
- Szatmáry, R. (2023, November). For whom can a robot be a partner. In *2023 IEEE 23rd International Symposium on Computational Intelligence and Informatics (CINTI)* (pp. 000197-000202). IEEE.
- Szikora, P., & Szatmáry, R. (2023). Autonomous cars—What lies behind the lack of readiness. *Interdisciplinary Description of Complex Systems: INDECS, 21(4)*, 399-411.
- Szatmáry, R. (2023). Az önvezető autókkal kapcsolatos vélemények. In Szikora, P. (Ed.), *Társadalom, Informatika és Gazdaság Kutatócsoport Konferencia kiadvány (TIGKONF 2023)* (pp. 61-81). Óbudai Egyetem, Keleti Károly Gazdasági Kar.
- Szatmáry, R. H. (2024, May). Generational differences in online behavior—Exploring attitudes towards privacy, trust, and social interaction. In *2024 IEEE 18th International Symposium on Applied Computational Intelligence and Informatics (SACI)* (pp. 000077-000082). IEEE.
- Szatmáry, R. (2024, September). Each of them their own. In *2024 IEEE 22nd Jubilee International Symposium on Intelligent Systems and Informatics (SISY)* (pp. 000435-000440). IEEE.
- Szatmáry, R., & Sápi, J. (2024). Development of an endogenous and exogenous factor-based personalized risk assessment system of infertility. In *XIX. FIKUSZ 2024 International Conference* (p. 187).
- Szatmáry, R., & Sápi, J. (2024. december 6-7). Női meddőség: Interdiszciplináris megközelítés és IT-alapú analitikai rendszer. In *XXXVII. Neumann Kollokvium*.
- Szatmáry, R. (2025). Trust and security: How trust in autonomous systems shapes decision-making. In Kovács, T. A., Stadler, R. G., & Daruka, N. (Eds.), *The impact of energy dependency on critical infrastructure protection. ICCECIP 2024. Advanced sciences and technologies for security applications*. Springer, Cham.

Scholarships

- University Research Scholarship 2024
- Óbuda University Scholarship 2024
- GIRLS @TECH Scholarship 2024