

Virtuális Research Laboratory (VRL)

Publications about theory, methodology, research projects, and platform

2020-2022

- L. Horváth, "[Context Mediated Communication \(CMC\) in Research Project](#)," 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics, Timisoara, Romania, 2022, pp. 33-38, DOI: 10.1109/SACI55618.2022.9919500.
- L. Horváth, "[Integrated Autonomous Model System as Research Media](#)," 2022 IEEE 22nd International Symposium on Computational Intelligence and Informatics and 8th IEEE International Conference on Recent Achievements in Mechatronics, Automation, Computer Science and Robotics, Budapest, Hungary, 2022, pp. 125-130, DOI: 10.1109/CINTI-MACRo57952.2022.10029408.
- L. Horváth, "[Reactive Context Structure \(RCS\)](#)," 2023 IEEE 21st World Symposium on Applied Machine Intelligence and Informatics, Herl'any, Slovakia, 2023, pp. 000127-000132, doi: 10.1109/SAMI58000.2023.10044494.
- L. Horváth, "[Contextual Research Configuration Using Autonomous Model System](#)," 2022 IEEE 20th Jubilee International Symposium on Intelligent Systems and Informatics (SISY), Subotica, Serbia, 2022, pp. 000297-000302, doi: 10.1109/SISY56759.2022.10036281.
- L. Horváth, "[Model Integrated PhD Research Project Using Engineering Platform in the Cloud](#)," 2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI), Timisoara, Romania, 2021, pp. 000187-000192, doi: 10.1109/SACI51354.2021.9465606.
- L. Horváth László, L. Kovács, „[Engineering Platform as Integrated Software for Model Mediated Research](#),” Frontiers in Artificial Intelligence and Applications 337, IOS Press, pp. 235-247 (2021), doi: 10.3233/FAIA210023.
- L. Horváth, "[New Era of Intelligent Engineering Towards Autonomous Systems](#)," 2021 IEEE 25th International Conference on Intelligent Engineering Systems (INES), Budapest, Hungary, 2021, pp. 000089-000094, doi: 10.1109/INES52918.2021.9512902.
- L. Horváth, „[Developing Strategies in System Level Model of Smart Cyber Physical System](#),” ACTA Polytechnica Hungarica, Vol 18, No. 5 pp. 55-76 (2021), doi: 10.12700/APH.18.5.2021.5.5
- L. Horváth, "[Model Centered Engineering in Wide Context](#)," 2021 IEEE 19th World Symposium on Applied Machine Intelligence and Informatics (SAMI), Herl'any, Slovakia, 2021, pp. 000501-000506, doi: 10.1109/SAMI50585.2021.9378698.
- L. Horváth, "[Research Configuration of Engineering Modeling Platform](#)," 2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI), Timisoara, Romania, 2020, pp. 000261-000266, doi: 10.1109/SACI49304.2020.9118812.
- L. Horváth, "[Intelligent Content Driving of Engineering Model System in Modeling Platform](#)," in book Knowledge Innovation Through Intelligent Software Methodologies, Tools and Techniques, IOS Press (2020) pp. 102-113, doi: 10.3233/FAIA200556.
- L. Horváth, "[Changed Communication in Engineering](#)," 2020 IEEE 20th International Symposium on Computational Intelligence and Informatics (CINTI), Budapest, Hungary, 2020, pp. 000185-000190, doi: 10.1109/CINTI51262.2020.9305826.
- L. Horváth, "[Model System for the Representation of Smart System of Systems in Engineering](#)," 2020 IEEE 15th International Conference of System of Systems Engineering (SoSE), Budapest, Hungary, 2020, pp. 603-608, doi: 10.1109/SoSE50414.2020.9130485.
- L. Horváth, "[Situation-Awareness in Model of Cyber Physical System](#)," 2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics (SAMI), Herlany, Slovakia, 2020, pp. 17-22, doi: 10.1109/SAMI48414.2020.9108728.

L. Horváth, „[Model Mediated Course and Research Environments in Higher Education on the Cloud](#),” International Journal of Inspired Education, Science and Technology, Vol 2, No. 1 pp. 44-53 (2020).