

Active blended learning engineering students : a case study

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard Education Sciences 2022 / art. 344 <https://doi.org/10.3390/educsci12050344>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Active learning in computer exercises on electronics

Raud, Zoja; Vodovozov, Valery World Academy of Science, Engineering and Technology. International journal of electrical, computer, electronics and communication engineering 2014 / p. 1061-1066 : ill

Active learning in remote electrical drive laboratory

Vodovozov, Valery; Raud, Zoja; Lehtla, Tõnu Proceedings of 2015 IEEE Global Engineering Education Conference (EDUCON) : 18-20 March 2015, Tallinn University of Technology (TUT), Tallinn, Estonia 2015 / p. 28-34 : ill
<https://doi.org/10.1109/EDUCON.2015.7095946>

Active learning of students with diverse goals and backgrounds in the light of Industry 4.0 requirements

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard Proceedings of the 2022 IEEE Global Engineering Education Conference (EDUCON) 2022 / p. 351-355 <https://doi.org/10.1109/EDUCON52537.2022.9766564>

Active learning-based mobile malware detection utilizing auto-labeling and data drift detection

Deng, Zhe; Hubert, Arthur; Ben Yahia, Sadok; Bahsi, Hayretdin Proceedings of the 2024 IEEE International Conference on Cyber Security and Resilience, CSR 2024 2024 / p. 146 - 151 <https://doi.org/10.1109/CSR61664.2024.10679343> [Article at Scopus](#) [Article at WOS](#)

Active methods in entrepreneurship education : a case study with engineering students

Hammoda, Basel Osama Sayed Ahmed; Winkler, Christoph European journal of engineering education 2024 / p. 1203-1226
<https://doi.org/10.1080/03043797.2024.2384893> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Challenges of active learning in a view of integrated engineering education

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard Education Sciences 2021 / art. 43 <https://doi.org/10.3390/educsci11020043>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of critical thinking and reflection

Rüütman, Tiia The Challenges of the Digital Transformation in Education : proceedings of the 21st International Conference on Interactive Collaborative Learning (ICL2018) - Volume 2 2019 / p. 895-906 https://doi.org/10.1007/978-3-030-11935-5_85 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Development of students' activity through on-lecture assessment in electrical engineering

Vodovozov, Valery; Raud, Zoja; Gevorkov, Levon Proceedings : 2014 IEEE 23rd International Symposium on Industrial Electronics (ISIE) : Grand Cevahir Hotel and Convention Center, Istanbul, Turkey, 01-04 June, 2014 2014 / p. 2213-2217 : ill

Distance laboratory to explore electrical drive

Raud, Zoja; Vodovozov, Valery Recent advances in energy, environment and development : proceedings of the 9th International Conference on Energy & Environment (EE '14) : Geneva, Switzerland, December 29-31, 2014 2014 / p. 58-63 : ill

Education concerning electromagnetic fields

Taal, Hilja 6th International Conference on Interdisciplinarity in Education ICIE'11 : Education, Research and Innovation in Engineering and Related Disciplines, April 14-16, 2011, Karabuk/Safranbolu, Turkey : proceedings 2011 / p. 103-109

Enhancing IoT botnet attack detection in SOC's with an explainable active learning framework

Kalakoti, Rajesh; Nömm, Sven; Bahsi, Hayretdin 2024 IEEE World AI IoT Congress (AlloT) 2024 / p. 265 - 272
<https://doi.org/10.1109/AlloT61789.2024.10578957> [Article at Scopus](#) [Article at WOS](#)

EuroTeQ as an alliance to promote European engineering education

Vodovozov, Valery; Raud, Zoja; Lehtla, Madis Proceedings of the 15th International Conference on Computer Supported Education (CSEDU 2023). Vol. 2 2023 / p. 601-607 <https://doi.org/10.5220/0011824900003470>

Experts still needed : boosting long-term android malware detection with active learning

Guerra-Manzanares, Alejandro; Bahsi, Hayretdin Journal of Computer Virology and Hacking Techniques 2024 / p. 901 - 918
<https://doi.org/10.1007/s11416-024-00536-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Network IDS alert classification with active learning techniques

Vaarandi, Risto; Guerra-Manzanares, Alejandro Journal of Information Security and Applications 2024 / art. 103687
<https://doi.org/10.1016/j.jisa.2023.103687> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the application of active learning for efficient and effective IoT botnet detection

Guerra-Manzanares, Alejandro; Bahsi, Hayretdin Future Generation Computer Systems 2023 / p. 40-53 : ill

On the application of active learning to handle data evolution in Android malware detection

Guerra Manzanares, Alejandro; Bahsi, Hayretdin Digital forensics and cyber crime : 13th EAI international conference, ICDF2C 2022, Boston, MA, November 16-18, 2022 : proceedings 2023 / p. 256-273 https://doi.org/10.1007/978-3-031-36574-4_15

Pavement defect segmentation in orthoframes with a pipeline of three convolutional neural networks

Lõuk, Roland; Riid, Andri; Pihlak, Rene; Tepljakov, Aleksei Algorithms 2020 / art. 198, 27 p. : ill <https://doi.org/10.3390/a13080198>
[Journal metrics at scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Post-quantum trails: an educational board game about post-quantum cryptography

Vakarjuk, Jelizaveta; Snetkov, Nikita Proceedings of the 7th International Conference on Historical Cryptology (HistoCrypt 2024) 2024 / p. 244-248 : ill <https://dspace.ut.ee/items/1e6331fb-6e1c-4374-a2c1-2ef2eab3190a> <https://doi.org/10.58009/aere-perennius0115>

Preparing Master's degree students for doctoral studies - a lecturer's perspective : results of a case study of problem-based learning (PBL)

Nutt, Nele; Karu, Katrin; Raamets, Jane Towards a Hybrid, Flexible and Socially Engaged Higher Education : Proceedings of the 26th International Conference on Interactive Collaborative Learning (ICL2023), Volume 2 2024 / p. 355-365 https://doi.org/10.1007/978-3-031-52667-1_34 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Remote training with self-assessment in electrical engineering

Raud, Zoja; Vodovozov, Valery International journal of social, behavioral, educational, economic, business and industrial engineering 2016 / p. 46-51 : ill <http://scholar.waset.org/1999.10/10003299>

Research and development of an active learning technology for university-level education in the field of electronics and power electronics = Aktiivõppetehnoloogia uurimine ja väljatöötamine kõrghariduse õppekavale elektroonika ja jõuelektroonika valdkonnas

Raud, Zoja 2012 https://www.ester.ee/record=b2781667*est

Self-assessment methodology in active learning electrical engineering

Raud, Zoja; Vodovozov, Valery Recent Advances on Education and Educational Technologies : [proceedings of EET 2015, Barcelona, Spain, April 7-9, 2015, ETE 2015, Vienna, Austria, March 15-17, 2015] 2015 / p. 58-62 : ill

Strengthening active learning with a reinforcement approach in engineering education

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 5 p <https://doi.org/10.1109/RTUCON62997.2024.10830891>

Student centred teaching approach for the informatics course

Murtazin, Kristina; Vendelin, Jelena Future computers in education : June 1-2, 2012, Shanghai, China 2012 / p. 227-232 : ill