

An analysis and comparison of adoption of e-learning systems in higher education by lecturers at largest universities in Estonia and Turkey

Güllü, Fatih; Kuusik, Rein, inform.; Šogenov, Kazbulat Baltic journal of modern computing 2016 / p. 428-440 : ill
<http://www.bjmc.lu.lv/contents/vol-42016-no-3/>

An integrated platform for blended learning in engineering education

Makarova, Irina; Shubenkova, Ksenia; Tikhonov, Danila; Pashkevich, Anton Proceedings of the 9th International Conference on Computer Supported Education (CSEDU 2017) : April 21-23, 2017, in Porto, Portugal. Volume 2 2017 / p. 171-176 : ill
<http://dx.doi.org/10.5220/0006375601710176>

Analysis of competency-based learning - 6 years later

Umbleja, Kadri; Kuk, Vello; Jaanus, Martin Proceedings of 2017 IEEE Global Engineering Education Conference (EDUCON) : 25-28 April 2017, Athens, Greece 2017 / p. 165-174 : ill <https://doi.org/10.1109/EDUCON.2017.7942843>

Challenges of applying e-learning in the libyan higher education system

Ghawail, Entisar Alhadi Al; Ben Yahia, Sadok; Alrshah, Mohamed A. International journal of advanced trends in computer science and engineering 2019 / p. 38-43 : ill <https://doi.org/10.30534/ijatcse/2019/0681.42019> [Journal metrics at Scopus](#) [Article at Scopus](#)

Chemical information IL course in long-time cooperation with faculty at Tallinn University of Technology

Koidla, Gerda; Pihlakas, Maie European Conference on Information Literacy (ECIL) : October 19-22, 2015, Tallinn, Estonia : abstracts 2015 / p. 157

Competence Based Interactive Learning with HomeLabKits : experience and work in progress

Jaanus, Martin; Umbleja, Kadri; Kuk, Vello; Udal, Andres 2014 IEEE Global Engineering Education Conference (EDUCON) : Istanbul, Turkey, April 2-5, 2014 2014 / 1082-1084 : ill

Computational thinking and flexible learning : experience of Tallinn University of Technology

Mironova, Olga; Amitan, Irina; Vilipõld, Jüri Future Computers in Education 2012 / p. 183-188 : ill <http://rlpa.ttu.ee/Artiklid/183.pdf>

Creation of software platform for distance use of lab equipment and data in Virumaa College at Tallinn University of Technology

Shvets, Oleg; Murtazin, Kristina; Piho, Gunnar 2020 43rd International Convention on Information, Communication and Electronic Technology (MIPRO), 28 Sept.-2 Oct. 2020, Opatija, Croatia : proceedings 2020 / p. 1591-1595
<https://doi.org/10.23919/MIPRO48935.2020.9245261>

Deep reinforcement learning-based digital twin for droplet microfluidics control

Gyimah, Nafisat; Scheler, Ott; Rang, Toomas; Pardy, Tamas Physics of Fluids 2023 / art. 082020 <https://doi.org/10.1063/5.0159981>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Digitalization of education as a new destination of e-learning

Makarova, Irina; Shubenkova, Ksenia; Bagateeva, Angelina; Pashkevich, Anton Proceedings of ELMAR-2018 : 60th International Symposium ELMAR-2018 : 16-19 September 2018, Zadar, Croatia 2018 / p. 31-34 : ill <http://doi.org/10.23919/ELMAR.2018.8534662>

E-learning quality assurance system for E-courses in Estonia

Dremļuga-Telk, Marit; Koitla, Ene; Kusnets, Kerli; Kusmin, Marge; Niitsoo, Margus; Pilt, Lehti; Plank, Toomas; Varendi, Merle; Vilems, Anne Developing quality cultures in teacher education : expanding horizons in relation to quality assurance : [Teacher Education Policy in Europe Network (TEPE): September 30th - October 2nd 2010, Tallinn University] 2011 / p. 119-130 : ill

Electronic education system model-2

Güllü, Fatih; Kuusik, Rein, inform.; Laanpere, Mart Proceedings of the International Conference e-Learning : Las Palmas de Gran Canaria, Spain, July 21-24, 2015 2015 / p. 162-166 : ill

Enabling the teaching factory leveraging a virtual reality system based on the digital twin

Kuts, Vladimir; Otto, Tauno; Caldarola, Enrico G.; Modoni, Gianfranco E.; Sacco, Marco The Industrial Track of EuroVR 2018: Proceedings of the 15th Annual EuroVR Conference 2018 / p. 26-31 : ill <https://www.vtt.fi/inf/pdf/technology/2018/T339.pdf>

Enhancing students' activity in electrical engineering through Web and social networks

Raud, Zoja; Vodovozov, Valery; Lehtla, Tõnu International Conference Educon 2012 : collaborative learning & new pedagogic approaches in engineering education : Marrakech - Morocco, 17-20 April 2012 2012 / p. 263-269 : ill

Environment challenges of e-learning in higher education - the teachers' perspective

Leoste, Janika; Jõgi, Larissa; Õun, Tiia; Marjanovic, Ugljesa; Rakic, Slavko; Schöndorfer, Simone; Lefkofridi, Zoe Polyphonic construction of smart learning ecosystems : proceedings of the 7th Conference on Smart Learning Ecosystems and Regional Development 2023 / p. 143-156 https://doi.org/10.1007/978-981-19-5240-1_10

Female students and Moodle e-learning environment

Siirak, Virve 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. 35-40 : ill

Human Factors Engineering : digital teaching tools and paper-free handouts for lecture notes

Teichmann, Mare; Ilvest, Jüri jr WSEAS transactions on advances in engineering education 2012 / p. 31-41 : ill
https://www.researchgate.net/publication/271700519_Human_Factors_Engineering_digital_teaching_tools_and_paper-free_handouts_for_lecture_notes

The impact of perceived security on intention to use E-learning among students

Farooq, Ali; Ahmad, Farhan; Khadam, Nyla; **Lorenz, Birgy**; Isoaho, Jouni Proceedings IEEE 20th International Conference on Advanced Learning Technologies, ICALT 2020 : 6-9 July 2020, Online 2020 / p. 360-364
<https://doi.org/10.1109/ICALT49669.2020.00115>

Improving learning efficiency and evaluation fairness for cyber security courses : a case study

Caliskan, Emin; Vaarandi, Risto; Lorenz, Birgy Intelligent Computing : Proceedings of the 2019 Computing Conference. Volume 2 2019 / p. 622-638 https://doi.org/10.1007/978-3-030-22868-2_45 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Interactive distance lab solution for robotic arm

Umbleja, Kadri; Jaanus, Martin; Kuk, Vello; Ud, Andres Joint International Conference on Engineering Education & International Conference on Information Technology ICEE/ICIT-2014 : June 2-6, 2014, Riga, Latvia 2014 / p. 339-348 : ill

Involving students in teaching process — encouraging student-generated content in ICT studies

Kruus, Helena; Ellervee, Peeter; Robal, Tarmo; Ruberg, Priit; Kruus, Margus Proceedings of the 24th International Conference on European Association for Education in Electrical and Information Engineering : 30-31 May 2013, Chania, Greece 2013 / p. 76-81 : ill

Learning situations and remote labs in embedded system education

Sell, Raivo; Seiler, Sven Proceedings of 14th International Workshop on Research and Education in Mechatronics 2013 / p. 97-101 : ill https://www.researchgate.net/publication/256116848_Learning_Situations_and_Remote_Labs_in_Embedded_System_Education

A live virtual simulator for teaching cybersecurity to information technology students

Ernits, Margus; Kikkas, Kaido Learning and Collaboration Technologies : Third International Conference, LCT 2016, held as part of HCI International 2016, Toronto, ON, Canada, July 17-22, 2016 : proceedings 2016 / p. 474-486 : ill https://doi.org/10.1007/978-3-319-39483-1_43 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Maritime innovation management - a concept of an innovative course for young maritime professionals

Bolmsten, Johan; **Kasepöld, Kadi**; Kaize, Adam; Ziemska, Monika; **Heering, Dan; Alop, Anatoli**; Chesnokova, Marina; Sienko, Olena; Sköld, Daniel Proceedings of the International Association of Maritime Universities (IAMU) Conference, Japan, Tokyo : the 20th Commemorative Annual General Assembly, AGA20 : International Association of Maritime Universities 30 October - 1 November 2019, Tokyo Japan 2019 / p. 268-274 http://iamu-edu.org/wp-content/uploads/2019/11/IAMUC2019_Proceedings-1.pdf
[Conference at Scopus](#)

Maximizing and personalizing e-learning support for students with different backgrounds and preferences

Mironova, Olga; Amitan, Irina; Vendelin, Jelena; Vilipöld, Jüri; Saar, Merike Interactive technology and smart education 2016 / p. 19-35 : ill <https://doi.org/10.1108/ITSE-09-2015-0025> [Journal metrics at Scopus](#) [Article at scopus](#) [Article at WOS](#)

Maximizing and personalizing e-learning support for students with different backgrounds and preferences

Mironova, Olga; Amitan, Irina; Vendelin, Jelena; Vilipöld, Jüri; Saar, Merike Proceedings of the International Conference e-Learning : Las Palmas de Gran Canaria, Spain, July 21-24, 2015 2015 / p. 73-80 : ill

Methodology and international collaboration in teaching reconfigurable systems

Sklyarov, Valery; Skliarova, Ioulia; **Sudnitsõn, Aleksander** The 2012 IEEE Global Engineering Education Conference (IEEE EDUCON 2012), Marrakesh, Morocco, Apr. 17-20, 2012 2012 / p. 1143-1152 : ill
https://www.researchgate.net/publication/254034783_Methodology_and_international_collaboration_in_teaching_reconfigurable_systems

Moodle E-learning environment as an effective tool in university education

Siirak, Virve Journal of information technology and application in education (JITAE) 2012 / p. 94-96 : ill
<https://www.icheme.org/media/9718/xx-paper-23.pdf>

Predicting students' behavior during an e-learning course using data mining

Umbleja, Kadri; Ichino, Manabu Interactive Collaborative Learning : proceedings of the 19th ICL Conference. Volume 2 2017 / p. 175-189 https://doi.org/10.1007/978-3-319-50340-0_14 [Journal metrics at Scopus](#) [Article at Scopus](#)

Providing feedback for students in E-learning systems : a literature review, based on IEEE Explore Digital Library

Shvets, Oleg; Murtazin, Kristina; Piho, Gunnar Proceedings of the 2020 IEEE Global Engineering Education Conference (EDUCON) : Engineering Education for the Future in a Multicultural and Smart World, 27-30 April, 2020, Porto, Portugal 2020 / p. 284-289 : ill <https://doi.org/10.1109/EDUCON45650.2020.9125344>

A reference architecture for a national e-learning infrastructure

Saay, Mohammad Salim; **Norta, Alexander** 9th IEEE/ACM International Conference on Utility and Cloud Computing : UCC 2016 : 6-9 December 2016, Tongji University, Shanghai, China : proceedings 2016 / p. 404-409 : ill <https://doi.org/10.1145/2996890.3007894>

Remote laboratory portal for robotic and embedded system experiments

Sell, Raivo International journal of online engineering 2013 / p. 23-26 : ill

Socio-cultural differences of e-learning in Estonia and Turkey [Electronic resource]

Güllü, Fatih; Kuusik, Rein, inform.; Laanpere, Mart; Faruk Sozcu, Omer ICER2015 : 8th International Conference of Education, Research and Innovation : Seville (Spain), 16-18 November 2015 : conference proceedings 2015 / p. 6325-6332 : ill. [CD-ROM]

Some practical applications of e-learning in OHS and ergonomics in higher education

Siirak, Virve; Tint, Piia; Traumann, Ada Agronomy research 2014 / p. 681-686 : ill

<https://www.cabidigitallibrary.org/doi/pdf/10.5555/20143202503> [Journal metrics at Scopus](#) [Article at Scopus](#)

Sustainable development processes of education technologies - a multiple case study

Bolmsten, Johan; **Kasepöld, Kadi;** Kaizer, Adam; Ziemska, Monika; **Heering, Dan; Alop, Anatoli;** Chesnokova, Marina; Olena, Sienko Proceedings of the International Association of Maritime Universities 2021 / p. 364-373

<https://aga21.aast.edu/templates/frontend/aga21/ltr/templates/AGA21-Conference-Proceedings.pdf>

Teaching advanced test issues in digital electronics

Ubar, Raimund-Johannes; Orasson, Elmet; Raik, Jaan; Wuttke, Heinz-Dietrich Proceedings of the 6th IEEE International Conference on Information Technology Based Higher Education and Training : ITHET : July 7-9, 2005, Juan Dolio, Dominican Republic 2005 / p. S2B-1 - S2B-6 : ill <http://dx.doi.org/10.1109/ITHET.2005.1560318>

The development of higher education in occupational health and safety in Estonia and selected EU countries

Reinhold, Karin; Siirak, Virve; Tint, Piia Procedia - social and behavioral sciences 2014 / p. 52-56

The international cooperation on remote laboratories conducted with engineering didactics

Sell, Raivo; Rüütmann, Tiia Proceedings of 2014 11th International Conference on Remote Engineering and Virtual Instrumentation (REV) : 26-28 February 2014 in Porto, Portugal 2014 / p. 187-190 : ill

The international cooperation on remote laboratories in the framework of engineering didactics

Sell, Raivo; Rüütmann, Tiia International journal of engineering pedagogy 2015 / p. 8-11 <http://online-journals.org/index.php/ijep/article/view/3917>

The use of interactive teaching methods in logistics

Krasjukova, Jelizaveta; Ossipova, Jekaterina Journal of international scientific publications : educational alternatives 2011 / p. 219-248 : ill

A tool set for teaching design-for-testability of digital circuits

Kostin, Sergei; Orasson, Elmet; Ubar, Raimund-Johannes EWME 2016 : 11th European Workshop on Microelectronics Education : May 11-13, 2016, Southampton, UK 2016 / [6] p. : ill <https://doi.org/10.1109/EWME.2016.7496466>

Towards an architecture for e-learning infrastructures on a national level : a case study of AfgREN

Saay, Mohammad Salim; **Norta, Alexander;** Laanpere, Mart Current Developments in Web Based Learning : ICWL 2015 International Workshops, KMEL, IWUM, LA, Guangzhou, China, November 5-8, 2015 : revised selected papers 2016 / p. 98-107 : ill https://doi.org/10.1007/978-3-319-32865-2_11 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Transition from classroom teaching to E-learning in a blink of an eye

Annus, Ivar Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 797-807 https://doi.org/10.1007/978-3-030-68201-9_79 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Using EES Model-2 for comparison of e-learning activities of Estonian and Turkish biggest universities [Electronic resource]

Güllü, Fatih; Kuusik, Rein, inform.; Laanpere, Mart; Faruk Sozcu, Omer ICER2015 : 8th International Conference of Education, Research and Innovation : Seville (Spain), 16-18 November 2015 : conference proceedings 2015 / p. 6333-6342 : ill. [CD-ROM]

Using the e-learning gamification tool Kahoot! to learn chemistry principles in the classroom

Al Ghawail, Entisar Alhadi; **Ben Yahia, Sadok** Procedia computer science 2022 / p. 2667 - 2676

WEB-based learning content management system of power electronics

Vodovozov, Valery; Raud, Zoja EUROMEDIA'2011 : featuring : Sixteenth Annual Scientific Conference on Web Technology, New Media Communications and Telematics Theory Methods, Tools and Applications : April 18-20, 2011, London, United Kingdom 2011 / p. 21-23

Visual-interactive simulation models in electrical power engineering and mechatronics programs for distance education at ITMO university

Usoltcev, Aleksandr; Lukichev, Dmitry; Demidova, Galina; **Rassõlkin, Anton; Vaimann, Toomas** 2020 XI International Conference on Electrical Power Drive Systems (ICEPDS), Saint-Petersburg, Russia, October 4-7, 2020 2020 / p. 280-284 : ill
<https://doi.org/10.1109/ICEPDS47235.2020.9249365>