

Approaches to use semantic web technologies in real applications

Seiler, Sven; **Sell, Raivo** Annals of DAAAM for 2009 & proceedings of the 20th International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Theory, Practice and Education" : 25-28th November 2009, Vienna, Austria 2009 / p. 1741-1742 : ill

Combined robotic platform for research and education

Sell, Raivo; Seiler, Sven Proceedings of SIMPAR 2010 Workshops : Intl. Conf. on Simulation, Modeling and Programming for Autonomous Robots : Darmstadt (Germany), November 15-16, 2010 2010 / p. 522-531 : ill
https://www.academia.edu/14380265/Combined_Robotic_Platform_for_Research_and_Education

Comprehensive blended learning concept for teaching micro controller technology

Seiler, Sven; **Sell, Raivo** eLearning Baltics 2011. 4 2011 / p. 15-25

Comprehensive blended learning concept for teaching micro controller technology utilising HomeLab kits and remote labs in a virtual web environment

Seiler, Sven; Sell, Raivo Transactions on Edutainment. X 2013 / p. 161-177 : ill https://doi.org/10.1007/978-3-642-37919-2_9 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Embedded system and robotic education in a blended learning environment utilizing remote and virtual labs in the cloud, accompanied by "Robotic HomeLab Kit"

Sell, Raivo; Seiler, Sven; Ptasik, Dennis International journal of emerging technologies in learning (IJET) 2012 / p. 26-33 : ill
<https://online-journals.org/index.php/i-jet/article/view/2245>

Holistic web-based Virtual Micro Controller Framework for research and education

Seiler, Sven; Sell, Raivo; Ptasik, Dennis; Bölter, Martin International journal of online engineering 2012 / p. 58-64 <https://online-journals.org/index.php/i-joe/article/view/2169>

Inductive principles in engineering pedagogy on the example of remote labs

Sell, Raivo; Rüttemann, Tiia; Seiler, Sven Proceedings : 2013 2nd Experiment@International Conference (exp.at'13) : University of Coimbra, Coimbra, Portugal, 18-20 September, 2013 2013 / p. 68-71 : ill

Innovative study kit for advanced mechatronic experiments

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Integrated concept for embedded system study

Sell, Raivo; Seiler, Sven 7th International Conference Mechatronics Systems and Materials MSM 2011 : Kaunas, Lithuania, 7-9 July, 2011 : abstracts book and full papers CD 2011 / p. 14-15
https://www.researchgate.net/publication/257654723_Integrated_Concept_for_embedded_system_study

Lab Description Language - a framework approach for describing and mediating remote and virtual labs

Seiler, Sven; Sell, Raivo; Ptasik, Dennis Mechatronics REM 2012 : Supmeca Paris, November 21st-23rd : proceedings 2012 / p. 194-198 : ill https://www.researchgate.net/publication/256116663_Lab_Description_Language_-_A_framework_approach_for_describing_and_mediating_remote_and_virtual_labs

Laboratory as a service - a holistic framework for remote and virtual labs = Laboratoorium kui teenus - kaug- ja virtuaallaborite holistiline raamistik

Seiler, Sven 2012 https://www.ester.ee/record=b2889058*est

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

Learning situations in an embedded system : NetLab project

Kremer, Martina; Seiler, Sven; Kuvaja, Markus; Ptasik, Dennis; **Lehtla, Tõnu**; Ellermaa, Rain; Pähnapuu, Lembit; Randmaa, Riina; Pikner, Heiko; Heinaste, Urmas; Bernhard, Dirk; **Sell, Raivo** 2013 https://www.ester.ee/record=b3045839*est

Mechatronics modeling methodology and semantic orientated knowledge base

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Microcontroller based intelligent platform for research and education in mechatronics

Sell, Raivo; Seiler, Sven; Ptasik, Dennis Mechatronics REM 2012 : Supmeca Paris, November 21st-23rd : proceedings 2012 / p. 188-193 : ill <https://ieeexplore.ieee.org/document/6451007>

New concept and ICT based tools for raising the qualification level in mechatronics and related fields

Sell, Raivo; Seiler, Sven Proceedings of 10th International Workshop on Research and Education in Mechatronics : 10-11 September 2009, Glasgow, UK 2009 / p. 43-44

https://www.researchgate.net/publication/259503701_New_Concept_and_ICT_Based_Tools_for_Raising_the_Qualification_Level_in_Mechatronics_and_Related_Fields

Semantics on mobile robot algorithms development

Seiler, Sven; Sell, Raivo 7th International Conference Mechatronics Systems and Materials MSM 2011 : Kaunas, Lithuania, 7-9 July, 2011 : abstracts book and full papers CD 2011 / p. 52-53

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Study modules for system engineering & automotive sector

Coatanea, Eric; Deniaud, Samuel; Köhn, Carsten; **Sell, Raivo; Seiler, Sven** 2010

Unified remote and virtual lab solutions for engineering education

Sell, Raivo; Seiler, Sven; **Rüütmann, Tiia** Online experimentation : emerging technologies and IoT 2015 / p. 383-400

http://www.sensorsportal.com/HTML/BOOKSTORE/Online_Experimentation.htm

USORA : unified solution of remote access in practical vocational engineering education

Seiler, Sven; **Sell, Raivo;** Köhn, Carsten; Böhrk, Vanessa 16th International Conference on Research and Education in Mechatronics REM2015 : Bochum, Germany, November 18-20, 2015 : proceedings 2015 / [6] p. : ill <http://dx.doi.org/10.1109/REM.2015.7380387>

Virtual academy platform supported by a semantic knowledge base

Seiler, Sven; **Sell, Raivo** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [11] 2010 / p. 566-571 : ill

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