

### **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](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](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**; Ptasiak, Dennis International journal of emerging technologies in learning (IJET) 2012 / p. 26-33 : ill  
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### **Holistic web-based Virtual Micro Controller Framework for research and education**

**Seiler, Sven**; **Sell, Raivo**; Ptasiak, 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**; **Rüütman, 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**

Seiler, Sven; Köhn, Carsten; **Sell, Raivo**; **Otto, Tauno** 9th International Workshop on Research and Education in Mechatronics : Bergamo, Italy, 2008 2008 / [5] p. : ill

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

**Seiler, Sven**; **Sell, Raivo**; Ptasiak, 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](https://www.researchgate.net/publication/256116663_Lab_Description_Language_-_A_framework_approach_for_describing_and_mediating_remote_and_virtual_labs)

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### **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](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; Ptasiak, 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](https://www.ester.ee/record=b3045839*est)

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**Sell, Raivo**; Seiler, Sven 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. 1723-1724 : ill

### **Microcontroller based intelligent platform for research and education in mechatronics**

**Sell, Raivo**; **Seiler, Sven**; Ptasiak, 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

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### **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**

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### **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

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### **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>

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Kremer, Martina; Seiler, Sven; Kuvaja, Markus; **Lehtla, Tõnu; Pikner, Heiko; Sell, Raivo** 2013

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