

Additional specialty of a technical teacher for engineers afforded in continuing education at Tallinn University of Technology

Rüütman, Tiia Proceedings of 2016 13th International Conference on Remote Engineering and Virtual Instrumentation (REV) : 24-26 February 2016 in Madrid, Spain 2016 / p. 43-47 : ill <https://doi.org/10.1109/REV.2016.7444438>

Analysis of STEM teaching - most common strategies and methods enabling deep understanding and interactive learning applied by graduates of technical teacher initial and continuing education programs in Estonia

Rüütman, Tiia Interactive Collaborative Learning : proceedings of the 19th ICL Conference - Volume 1 2017 / p. 405-414 : ill https://doi.org/10.1007/978-3-319-50337-0_39 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Analysis of the new curriculum for initial technical teacher training on bachelor level

Rüütman, Tiia Engineering Education - the Priority for Global Development : 35th International IGIP Symposium : 18th-21st September, 2006, Tallinn : book of abstracts 2006 / p. 104-105

Complex approach to technical teacher education in engineering pedagogy [Electronic resource]

Rüütman, Tiia; Kipper, Hants Forming international engineers for the information society : March 27-30, 2011, Santos, Brazil 2011 / p. 13-17 : ill [CD-ROM]

Contemporary teaching methods as the basis of the curriculum for technical teacher training at Tallinn University of Technology

Rüütman, Tiia; Vanaveski, Jüri 38th IGIP Symposium - Q2 of E2 (Quality and Quantity of Engineering Education) : 6-9 September 2009, Graz, Austria : book of abstracts+CD 2009 / p. 139-142

Contemporary teaching strategies and models capacitating critical thinking and deep understanding in teaching engineering [Electronic resource]

Kipper, Hants; Rüütman, Tiia Proceedings of the Joint International IGIP-SEFI Annual Conference 2010. Diversity unifies - Diversity in Engineering Education : 19th to 22th September 2010, Trnava, Slovakia 2010 / IDPap 1173 [8] p. [CD-ROM]

Continuing education for engineers in the field of teaching engineering at Tallinn University of Technology [Electronic resource]

Rüütman, Tiia; Kipper, Hants 9th ASEE Global Colloquium on Engineering Education as part of the World Engineering Education Forum, October 18-21, 2010, Singapore 2010 / [13] p. [CD-ROM]

Design of the curriculum for continuing education of engineering educators at Tallinn University of Technology

Kipper, Hants; Rüütman, Tiia Problems of education in the 21st century 2010 / p. 87-96

Design of the curriculum on master level for engineering educators at Tallinn University of Technology

Rüütman, Tiia; Kipper, Hants Инженерная педагогика ; Вып. 14, 1 2012 / p. 142-150

Inseneripedagoogika aitab leevendada õpetajate põuda

Rüütman, Tiia Õpetajate Leht 2021 / Lk. 4 ["Inseneripedagoogika aitab leevendada õpetajate põuda"](#)

Inseneripedagoogika roll tehnikaõpetajate koolitamisel Tallinna Tehnikaülikoolis

Rüütman, Tiia; Kipper, Hants Kutseõpetajakoolitus 21. sajandil : II kutsepedagoogika konverents : konverentsi teesid 2010 / lk. 19-22

Klagenfurt School of Engineering Pedagogy by Adolf Melezinek as the basis of teaching engineering

Rüütman, Tiia; Kipper, Hants International journal of engineering pedagogy 2016 / p. 10-18

Klagenfurt School of Engineering Pedagogy by Adolf Melezinek as the basis of teaching engineering at Tallinn University of Technology

Rüütman, Tiia; Kipper, Hants Proceedings of 2015 International Conference on Interactive Collaborative Learning (ICL) : 20-24 September 2015, Firenze, Italy 2015 / p. 1102-1111 : ill <http://dx.doi.org/10.1109/ICL.2015.7318186>

Master studies for technical teachers at Tallinn University of Technology = Tehnikaõpetajate magistriõpe Tallinna Tehnikaülikoolis

Kipper, Hants; Rüütman, Tiia International conference on curriculum theory and practice = Rahvusvaheline õppekava teooria ja praktika konverents : Hilda Taba 110 : December 7th-8th, 2012 2012 / lk. 73-75

Philosophy and basic principles of international society for engineering pedagogy

Rüütman, Tiia SCHOLA 2016 : proceedings of 12th International Scientific Conference SCHOLA 2016, Pedagogy and Didactics in Technical Education 2017 / p. 9-20 : ill <https://spark.adobe.com/page/7ohkpMA0ID2W/>

Rethinking effective teaching and learning for the design of efficient curriculum for technical teachers

Rüütman, Tiia; Kipper, Hants International journal of engineering pedagogy 2013 / p. 44-51

Standard curriculum of International Society for Engineering Education (IGIP) as the basis of the curriculum design for technical teacher education = Rahvusvahelise Inseneripedagoogika Ühingu (IGIP) baasõppekava kui rahvuslike õppekavade väljatöötamise alus tehnikaõpetuses

Rüütman, Tiia; Kipper, Hants International conference on curriculum theory and practice = Rahvusvaheline õppekava teooria ja praktika konverents : Hilda Taba 110 : December 7th-8th, 2012 2012 / lk. 75-76

Teaching strategies for direct and indirect instruction in teaching engineering

Rüütman, Tiia; Kipper, Hants International journal of engineering pedagogy 2011 / p. 37-44 <https://online-journals.org/index.php/i-jep/article/view/1805>

Teaching strategies for direct and indirect instruction in teaching engineering [Electronic resource]

Rüütman, Tiia; Kipper, Hants 14 th International Conference on Interactive Collaborative Learning (ICL'2011), 21-23 September 2011, Piešťany, Slovakia 2011 / p. 107-114 [CD-ROM] <https://online-journals.org/index.php/i-jep/article/view/1805>

Teaching the art of teaching at Tallinn University of Technology

Rüütman, Tiia; Vanaveski, Jüri Educating engineers for innovation : book of abstracts 2009 / p. 36

Tehnikaõpetajate täiendkoolitusvõimalused Tallinna Tehnikaülikoolis

Neudorf, Reet; Rüütman, Tiia Kutseõpetajakoolitus 21. sajandil : II kutsepedagoogika konverents : konverentsi teesid 2010 / lk. 26-28

The design and implementation of learner-centered guided in-service programme for technical teacher education

Rüütman, Tiia; Kipper, Hants 2013 International Conference on Interactive Collaborative Learning (ICL) : September 25-27, 2013 at Kazan National Research Technological University, in Kazan, Russia 2013 / p. 221-226

Workshop on effective college teaching by Dr Richard Felder and Dr Rebecca Brent at Tallinn University of Technology, October 17-18, 2011

Rüütman, Tiia; Kipper, Hants International Society for Engineering Education (IGIP). Report. Official Journal of IGIP 2011 / lk. 24-25 : fot