

APRICOT : a framework for teaching digital systems verification

Raik, Jaan; Jenihhin, Maksim; Tšepurov, Anton; Reinsalu, Uljana; Ubar, Raimund-Johannes 19th EAAEIE Annual Conference : June 29-July 2, 2008, Tallinn, Estonia : formal proceedings 2008 / p. 172-177 : ill
<http://dx.doi.org/10.1109/EAAEIE.2008.4610181>

Architectural exploration tasks for on-chip embedded systems

Reinsalu, Uljana; Arhipov, Anton; Ellervee, Peeter BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : Tallinn University of Technology : October 6-8, 2008, Tallinn, Estonia 2008 / p. 171-174 : ill

Automatic visual traffic sign damage detection and measurement of damaged area

Ersü, Can; Janson, Karl; Petlenkov, Eduard; Reinsalu, Uljana 2024 18th International Conference on Control, Automation, Robotics and Vision (ICARCV) 2024 / p. 505-510 <https://doi.org/10.1109/ICARCV63323.2024.10821546>

Code coverage analysis for concurrent programming languages using high-level decision diagrams

Jenihhin, Maksim; Raik, Jaan; Tšepurov, Anton; Reinsalu, Uljana; Ubar, Raimund-Johannes Proceedings of the 12th European Workshop on Dependable Computing : EWDC 2009 : Toulouse, France, May 14-15, 2009 2009 / [4] p. : ill
<https://hal.archives-ouvertes.fr/hal-00381559>

Code coverage analysis on high level decision diagrams

Reinsalu, Uljana Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK teise aastakonverentsi artiklite kogumik : 11.-12. mai 2007, Viinistu kunstimuuseum 2007 / lk. 56-59 : ill

Code coverage analysis using high-level decision diagrams [Electronic resource]

Raik, Jaan; Reinsalu, Uljana; Ubar, Raimund-Johannes; Jenihhin, Maksim; Ellervee, Peeter 2008 IEEE Design and Diagnostics of Electronic Circuits and Systems : Bratislava, Slovakia, April 16-18, 2008 2008 / p. 201-207 : ill. [CD-ROM]
<https://ieeexplore.ieee.org/document/4538786>

DATE 2007 konverentsi ülevaade : [ka TTÜ arvutitehnika instituudi osalemisest konverentsil]

Tagel, Mihkel; Reinsalu, Uljana; Jervan, Gert A & A 2007 / 3, lk. 59-61 https://artiklid.elnet.ee/record=b1020793*est

Elevator passenger in-cabin behaviour – a study on Smart-Elevator Platform

Basov, Kevin; Robal, Tarmo; Reinsalu, Uljana; Leier, Mairo Digital Business and Intelligent Systems : 15th International Baltic Conference, Baltic DB&IS 2022, Riga, Latvia, July 4-6, 2022 : proceedings 2022 / p. 3-18 : ill https://doi.org/10.1007/978-3-031-09850-5_1 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Experience in increase of practical hours for HDL course

Reinsalu, Uljana; Ellervee, Peeter 2011 International Conference on Microelectronic Systems Education (MSE '11), 5-6 June 2011, San Diego, California 2011 / p. 102-105 <https://ieeexplore.ieee.org/document/5937104>

Fast RTL fault simulation using decision diagrams and bitwise set operations

Reinsalu, Uljana; Raik, Jaan; Ubar, Raimund-Johannes; Ellervee, Peeter 2011 IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems (DFT) : 3-5 October 2011, Vancouver, Canada 2011 / p. 164-170
<https://ieeexplore.ieee.org/document/6104440>

Fault simulation and code coverage analysis of RTL designs using high-level decision diagrams = Rikete simuleerimine ja koodikatte analüüs register-siirde tasemel kasutades kõrgtaseme otsustusdiagramme

Reinsalu, Uljana 2013 https://www.ester.ee/record=b2963595*est

Floor selection proposal for automated travel with smart elevator

Reinsalu, Uljana; Robal, Tarmo; Leier, Mairo Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 https://doi.org/10.1007/978-3-030-57672-1_4 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Hardware/Software co-design in practice : MEMOCODE'08 contest experience

Reinsalu, Uljana; Devadze, Sergei; Jutman, Artur; Tšertov, Anton; Ellervee, Peeter Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 55-58 : ill

HDL-s for students with different background

Reinsalu, Uljana; Arhipov, Anton; Evartson, Teet; Ellervee, Peeter Proceedings MSE 2007 : 2007 IEEE International Conference on Microelectronic Systems Education : 3-4 June 2007, San Diego, CA 2007 / p. 69-70
<https://ieeexplore.ieee.org/document/4231454>

High-Level Decision Diagram manipulations for code coverage analysis

Minakova, Karina; Reinsalu, Uljana; Tšepurov, Anton; Raik, Jaan; Jenihhin, Maksim; Ubar, Raimund-Johannes; Ellervee, Peeter BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics

High-level decision diagrams based coverage metrics for verification and test

Jenihhin, Maksim; Raik, Jaan; Tšepurov, Anton; Reinsalu, Uljana; Ubar, Raimund-Johannes LATW 2009 : 10th IEEE Latin American Test Workshop : Buzios, Rio de Janeiro, Brazil, March 2-5, 2009 2009 / [6] p. : ill <http://dx.doi.org/10.1109/LATW.2009.4813792>

How do You ride an elevator? Passenger in-cabin behavior analysis on a smart-elevator platform

Robal, Tarmo; Reinsalu, Uljana Smart Life and Smart Life Engineering : Current State and Future Vision 2025 / p. 209 - 236
https://doi.org/10.1007/978-3-031-75887-4_10

Introducing rapid web application development with Oracle APEX to students of higher education

Robal, Tarmo; Reinsalu, Uljana; Jürimägi, Lembit; Heinsar, Risto New trends in computer sciences 2024 / p. 69-80
<https://doi.org/10.3846/ntcs.2024.21227>

Memristive device based circuits for computation-in-memory architectures

Lebdeh, Muath Abu; Reinsalu, Uljana; Nguyen, Hoang Anh Du; Wong, Stephan; Hamdioui, Said 2019 IEEE International Symposium on Circuits and Systems (ISCAS) : proceedings 2019 / 5 p. : ill <https://doi.org/10.1109/ISCAS.2019.8702542> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A modular 6LoWPAN-based wireless sensor body area network for health-monitoring applications

Le Moullec, Yannick; Lecat, Yoann; Annus, Paul; Land, Raul; Kuusik, Alar; Reidla, Marko; Hollstein, Thomas; Reinsalu, Uljana; Tammemäe, Kalle; Ruberg, Priit APSIPA ASC 2014 : Asia-Pacific Signal and Information Processing Association Annual Summit and Conference 2014 : December 9-12, 2014, Siem Reap, city of Angkor Wat, Cambodia 2014 / [4] p. : ill

Motivation-driven learning processes at the example of embedded systems

Hollstein, Thomas; Reinsalu, Uljana; Leier, Mairo 10th European Workshop on Microelectronics Education : EWME 2014 : May 14-16, 2014, Tallinn, Estonia 2014 / p. 3-6 : ill

Practicing start-up culture in teaching embedded systems

Reinsalu, Uljana; Azad, Siavoosh Payandeh; Leier, Mairo; Tammemäe, Kalle; Hollstein, Thomas EWME 2016 : 11th European Workshop on Microelectronics Education : May 11-13, 2016, Southampton, UK 2016 / [6] p. : ill
<https://doi.org/10.1109/EWME.2016.7496463>

Register-transfer level deductive fault simulation using decision diagrams

Reinsalu, Uljana; Raik, Jaan; Ubar, Raimund-Johannes BEC 2010 : 2010 12th Biennial Baltic Electronics Conference : proceedings of the 12th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 4-6, 2010, Tallinn, Estonia 2010 / p. 193-196 : ill

Smart, wireless modular communication platform

Ruberg, Priit; Hollstein, Thomas; Reinsalu, Uljana; Tammemäe, Kalle; Le Moullec, Yannick; Kuusik, Alar; Reidla, Marko; Annus, Paul Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 111-112 : ill

A study into elevator passenger in-cabin behaviour on a smart-elevator platform

Robal, Tarmo; Basov, Kevin; Reinsalu, Uljana; Leier, Mairo Baltic Journal of Modern Computing 2022 / p. 665-688 : ill
<https://doi.org/10.22364/bjmc.2022.10.4.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Surviving the unforeseen - teaching IT and engineering students during COVID-19 outbreak

Ruberg, Priit; Ellervee, Peeter; Tammemäe, Kalle; Reinsalu, Uljana; Rähni, Andres; Robal, Tarmo Proceedings - Frontiers in Education Conference, FIE 2022 / Code 184790 <https://doi.org/10.1109/FIE56618.2022.9962383> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Teaching HDL for IT-students

Ellervee, Peeter; Reinsalu, Uljana; Arhipov, Anton EWME 2006 proceedings : 6th International Workshop on Microelectronics Education : 8-9 June, 2006, Stockholm, Sweden 2006 / p. 112-115

Teaching rapid application development skills for digitalisation challenges

Robal, Tarmo; Reinsalu, Uljana; Leoste, Janika; Jürimägi, Lembit; Heinsar, Risto Digital Business and Intelligent Systems : 16th International Baltic Conference, Baltic DB&IS 2024, Vilnius, Lithuania, June 30 – July 3, 2024, Proceedings 2024 / p. 177-192 : ill https://doi.org/10.1007/978-3-031-63543-4_12 [Conference proceedings at Scopus](#) [Article at Scopus](#)

A touch-free service button for Smart Elevator Operation with dynamic QR-code generation

Reinsalu, Uljana; Robal, Tarmo 2023 12th Mediterranean Conference on Embedded Computing (MECO) : 6-10 June 2023, Budva, Montenegro : proceedings 2023 / 4 p. : ill <https://doi.org/10.1109/MECO58584.2023.10155102>

Towards personalized elevator travel with smart elevator system

Robal, Tarmo; Reinsalu, Uljana; Leier, Mairo Baltic journal of modern computing 2020 / p. 675-697

<https://doi.org/10.22364/bjmc.2020.8.4.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Translating behavioral VHDL for emulation

Ellervee, Peeter; Reinsalu, Uljana; Arhipov, Anton 25th IEEE NORCHIP Conference : Aalborg, Denmark, 19-20 November 2007 2007 / ? p <https://ieeexplore.ieee.org/document/4481073>

Using emulation for system model analysis

Ellervee, Peeter; Arhipov, Anton; Reinsalu, Uljana DATE'07 Friday Workshop on "Diagnostic Service in Network-on-Chips" : Nice, France, 16-20 April 2007 2007 / p. 280-282

Uuring: inimesed eelistavad liftis seista alati sama koha peal

Harrik, Airika novaator.err.ee 2025 [Uuring: inimesed eelistavad liftis seista alati sama koha peal](#) [Uuring: inimesed eelistavad liftis seista alati sama koha peal](#) https://doi.org/10.1007/978-3-031-75887-4_10