

Compilation of heterogeneous models : motivations and challenges

Bordin, Matteo; **Näks, Tõnu; Toom, Andres**; Pantel, Marc ERTS2 2012 : Embedded Real Time Software and Systems : [1st - 3rd February 2012, Toulouse, France : proceedings] 2012 / [10 p.] <https://www.adacore.com/papers/compilation-of-heterogeneous-models-motivations-and-challenges1>

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Bordin, Matteo; **Näks, Tõnu; Toom, Andres**; Pantel, Marc 6th European Congress ERTS2 2012 : Embedded Real Time Software and Systems : 1-3 February 2012, Toulouse, France : book of abstracts 2012 / p. 147 <https://www.adacore.com/papers/compilation-of-heterogeneous-models-motivations-and-challenges1>

Design of real-time systems using timed object modelling

Näks, Tõnu The 3rd Baltic Summer School on Information Technology and Systems Engineering, 1-5 August, 1995, Klaipeda : theses 1995 / p. 43-47

Enhancing object modelling technique with timing analysis capabilities

Mõtus, Leo; Kinksaar, Riho; Näks, Tõnu; Pall, Martin First IEEE International Conference on Engineering Complex Computer Systems : Ft. Lauderdale, Florida, USA, November 6-10, 1995 1995 / p. 298-301 <https://ieeexplore.ieee.org/document/479347>

Formal timing analysis of OMT designs using LIMITS

Mõtus, Leo; Näks, Tõnu Computer systems science and engineering 1998 / 3, p. 161-170 : ill

Formal timing analysis of OMT designs using LIMITS

Mõtus, Leo; Näks, Tõnu Third International Workshop on Object-Oriented Real-Time Dependable Systems, February 5-7, 1997, Newport Beach, California, USA 1997 / p. 137-144 <https://ieeexplore.ieee.org/document/609944>

Gene-auto : an automatic code generator for a safe subset of Simulink/Stateflow and Scicos

Toom, Andres; Näks, Tõnu; Pantel, M.; Gandriau, M.; Wati, I. Embedded Real Time Software : ERTS 2008 : Toulouse, France 2008 https://www.researchgate.net/publication/302984605_Gene-Auto_an_Automatic_Code_Generator_for_a_safe_subset_of_SimulinkStateflow_and_Scicos

Handling timing in a time-critical reasoning system - a case study

Mõtus, Leo; Näks, Tõnu Postprints of IFAC Symposium on Artificial Intelligence in Real-time Control : Grand Canyon, Arizona, USA 1999 / p. 67-75 <https://www.sciencedirect.com/science/article/pii/S1367578801000153>

Handling timing in a time-critical reasoning system - a case study

Näks, Tõnu; Mõtus, Leo Annual reviews in control 2001 / p. 157-168 <https://www.sciencedirect.com/science/article/pii/S1367578801000153>

Information and communication technologies within e-maintenance

Arnaiz, Aitor; lung, Benoit; Adgar, Adam; **Näks, Tõnu**; Tohver, Avo; Tommingas, Toomas; Levrat, Eric E-maintenance 2010 / p. 39-60 https://www.researchgate.net/publication/281922080_Information_and_Communication_Technologies_Within_E-maintenance

Koodigeneraatorid programmeerija tööpõllul

Näks, Tõnu Arvutimaailm 2007 / 6, lk. 70-72

LIMITS - OMT with timing analysis support

Näks, Tõnu Workshop on Tool Support for System Development and Verification, Bremen, June 1996 1996

A method and a tool for formal timing analysis of OMT design

Mõtus, Leo; Näks, Tõnu IFAC/IFIP 21st Workshop on Real-time Programming, Gramado, Brazil, November 1996 1996 / [25] p <https://www.sciencedirect.com/science/article/pii/S1474667017463476>

Model transformations in the Gene-Auto Automatic Code Generation

Toom, Andres; Näks, Tõnu Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 126-129 : ill

Real-time behaviour verification, animation and monitoring starting from DCCS specification

Mõtus, Leo; Näks, Tõnu DCCS 2000 : 16th IFAC Workshop on Distributed Computer Control Systems : Sydney, Australia 29 Nov - 1 Dec 2000 : pre-prints 2000 / p. 85-92 <https://www.sciencedirect.com/science/article/pii/S1474667017367320>

Software infrastructure models for automatic code generation

Näks, Tõnu Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK teise aastakonverentsi artiklite kogumik : 11.-12. mai 2007, Viinistu kunstmuuseum 2007 / lk. 88-90 : ill

Tehnikaülikooli innovatsioonikeskus avas internetilabori : [kommenteerivad TTÜ innovatsioonikeskuse tegevdirektor Raivo Tamkivi ning tarkvara ja süsteemiarendusfirma IB Kratese arendusjuht Tõnu Näks]

Tamkivi, Raivo; Näks, Tõnu; Uljas, Harli Postimees 2000 / 29. juuni, lk. 11

Time models as used in Q-model and suggested for RT UML

Mõtus, Leo; Näks, Tõnu World Multiconference on Systemics, Cybernetics and Informatics : July 22-25, 2001 : proceedings. Volume XI, Information Systems Technology 2001 / p. 467-472

Timing analysis in OO system life-cycles

Mõtus, Leo; Näks, Tõnu; Holt, Jon D. Proceedings : First International Symposium on Object-Oriented Real-Time Distributed Computing (ISORC'98) : April 20-22, 1998, Kyoto, Japan 1998 / p. 327-334

Towards reliable code generation with an open tool : evolutions of the gene-auto toolset

Toom, Andres; Izerrouken, N.; **Näks, Tõnu;** Pantel, M.; Ssi Yan Kai, O. 5th International Congress and exhibition ERTS2 2010 : Embedded Real Time Software and Systems : 19-21 May 2010, Toulouse, France 2010 / [10] p <https://hal.science/hal-02267640/document>

Towards reliable code generation with an open tool : evolutions of the Gene-Auto toolset

Toom, Andres; Izerrouken, N.; **Näks, Tõnu;** Pantel, M.; Ssi Yan Kai, O. Ingénieurs de l'Automobile 2010 / p. 29-35
<https://hal.science/hal-02267640/document>

Using spark to ensure system to software integrity : a case study

Näks, Tõnu; Aiello, M.A.; Taft, S.T. Ada user journal 2019 / p. 226-229 : ill <https://www.ada-switzerland.ch/doc/auj/auj-40-4.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)