Fakultät für Informatik

Name:  
Informatik 4 - Lehrstuhl für Software & Systems Engineering (Prof. Pretschner)

Occurences:
  · Einrichtungen > Fakultäten > Fakultät für Informatik > Lehrstühle der Informatik
[1/225]: Ana Petrovska, Florian Grigoleit, Towards Context Modeling for Dynamic Collaborative Embedded Systems in Open Context, 2018

[2/225]: Alexander Ludewig, Marian Daun, Ana Petrovska, Wolfgang Böhm, Alexander Fay, Requirements for modeling dynamic function networks for collaborative embedded systems, 2018

[3/225]: Valentin Ziegmeier, Real-Time Remote Intrusion Detection, Masterarbeit, 2018


[5/225]: Aleieldin Salem, Stimulation and Detection of Android Repackaged Malware with Active Learning, 2018


[7/225]: Pretschner, A., Ontology Based Personalized Search, 1999


[14/225]: Ahmadvand, Mohsen; Hayrapetyan, Anahit; Banescu, Sebastian; Pretschner, Alexander, Practical Integrity Protection with Oblivious Hashing, Proceedings of the 34th Annual Computer Security Applications Conference on - ACSAC '18, ACM Press, 2018

[15/225]: Ahmadvand, Mohsen; Ibrahim, Amjad, Requirements Reconciliation for Scalable and Secure Microservice (De)composition, 2016 IEEE 24th International Requirements Engineering Conference Workshops (REW), IEEE, 2016

[16/225]: Ahmadvand, Mohsen; Pretschner, Alexander; Ball, Keith; Eyring, Daniel, Integrity Protection Against Insiders in Microservice-Based Infrastructures: From Threats to a Security Framework, Software Technologies: Applications and Foundations, Springer International Publishing, 2018

[17/225]: Ahmadvand, Mohsen; Pretschner, Alexander; Kelbert, Florian, A Taxonomy of Software Integrity Protection Techniques, Advances in Computers, Elsevier, 2018


[23/225]: Alyokhin, V.; Elbel, B.; Rothfelder, M.; Pretschner, A., Coverage Metrics for Continuous Function Charts, Proc. 15th IEEE Intl. Symp. on Software Reliability Engineering (ISSRE'04), Institute of Electrical & Electronics Engineers (IEEE), 2004

[24/225]: Banescu, Sebastian and Ahmadvand, Mohsen and Pretschner, Alexander and Shield, Robert and Hamilton, Chris, Detecting Patching of Executables without System Calls, Proceedings of the Conference on


[29/225]: Banescu, Sebastian; Wuechner, Tobias; Salem, Aleieldin; Guggenmos, Marius; Ochoa, Martín; Pretschner, Alexander, A framework for empirical evaluation of malware detection resilience against behavior obfuscation, 40-47, 2015 10th International Conference on Malicious and Unwanted Software (MALWARE), 2015


[31/225]: Banescu, Sebastian; Pretschner, Alexander; Battré, Dominic; Cazzulani, Stéfano; Shield, Robert; Thompson, Greg, Software-Based Protection against "Changeware", Proceedings of the 5th ACM Conference on Data and Application Security and Privacy, Association for Computing Machinery (ACM), 2015


[35/225]: Bender, Klaus; Broy, Manfred; Péter, István; Pretschner, Alexander; Stauner, Thomas, Model Based Development of Hybrid Systems: Specification, Simulation, Test Case Generation, Modelling, Analysis, and Design of Hybrid Systems, Springer Science + Business Media, 2002

[36/225]: Bernhard Dieber; Severin Kacianka; Stefan Rass; Peter Schartner, Application-level security for ROS-based applications, International Conference on Intelligent Robots and Systems, IEEE, 2016


[38/225]: Berthold, Agreiter; Alam, Muhammad; Breu, Ruth; Hafner, Michael; Pretschner, Alexander; Seifert, Jean-Pierre; Zhang, Xinwen, A technical architecture for enforcing usage control requirements in service-oriented architectures, Proceedings of the 2007 ACM Workshop on Secure Web Services, Association for Computing Machinery (ACM), 2007

[39/225]: Birnstill, Pascal; Pretschner, Alexander, Enforcing privacy through usage-controlled video surveillance, Advanced Video and Signal Based Surveillance (AVSS), 2013 10th IEEE International Conference on, Institute of Electrical & Electronics Engineers (IEEE), 2013


[44/225]: Broy, M., Pretschner, A., Salzmann, C., Stauner, T., Software intensive systems in the automotive domain: challenges for research and education, SAE world congress, SAE special publication SP-2028 "In-vehicle software and hardware systems", 2006

[45/225]: Büchler, Matthias, Security Testing with Fault-Models and Properties, Software Testing, Verification and Validation (ICST), 2013 IEEE Sixth International Conference on, Institute of Electrical & Electronics Engineers (IEEE), 2013


[47/225]: Büchler, Matthias; Oudinet, Johan; Pretschner, Alexander, SPaCiTE -- Web Application Testing Engine, Proc. 3rd Intl. Workshop on Security Testing, Montreal, April 2012, Institute of Electrical & Electronics Engineers (IEEE), 2012

[48/225]: Büchler, Matthias; Oudinet, Johan; Pretschner, Alexander, Semi-Automatic Security Testing of Web Applications from a Secure Model, Proc. 6th IEEE Intl. Conf. on Software Security and Reliability, Institute of Electrical & Electronics Engineers (IEEE), 2012


[51/225]: Ciupa, Ilinca; Pretschner, Alexander; Leitner, Andreas; Oriol, Manuel; Meyer, Bertrand, On the Predictability of Random Tests for Object-Oriented Software, Proc. 1st International Conference on Software Testing, Verification, and Validation (ICST), Institute of Electrical & Electronics Engineers (IEEE), 2008


[54/225]: Cuadrado-Gallego, Juan J; Rodriguez-Soria, Pablo; Gonzálvez, Alfonso; Castelo, Dácil; Ognawala, Saahil, Early functional size estimation with IFPUG unit modified, 729--733, International Conference on Computer and Information Science, IEEE, 2010

[55/225]: Cârlan, Carmen; Gallina, Barbara; Kacianka, Severin; Breu, Ruth, Arguing on Software-Level Verification Techniques Appropriateness, Lecture Notes in Computer Science, Springer International Publishing, 2017


[58/225]: Dieber, Bernhard; Breiling, Benjamin; Taurer, Sebastian; Kacianka, Severin; Rass, Stefan; Schartner, Peter, Security for the Robot Operating System, Robotics and Autonomous Systems, 2017, 98, 192-203


[60/225]: Duliu, Alexandru and Brosig, Richard; Ognawala, Saahil; Lasser, Tobias; Ziai, Mahzad; Navab, Nassir, Illumination Compensation and Normalization Using Low-Rank Decomposition of Multispectral Images in Dermatology, 613--625, Information Processing in Medical Imaging, Springer International Publishing, 2015

[100/225]: Kristian Beckers, Isabelle Cote, Thomas Frese, Denis Hatebur, Maritta Heisel, A structured and systematic model-based development method for automotive systems, considering the OEM/supplier interface, Reliability Engineering & System Safety, 2016


[102/225]: Kristian Beckers, Jürgen Dürrwang, Dominik Holling, Standard Compliant Hazard and Threat Analysis for the Automotive Domain, Information, 2016, 36, 7


[104/225]: Kristian Beckers, Sebastian Pape, Veronika Fries, HATCH: Hack And Trick Capricious Humans – A Serious Game on Social Engineering, to appear, Proceedings of British HCI, ACM, 2016

[105/225]: Kumari, Prachi; Pretschner, Alexander, Deriving implementation-level policies for usage control enforcement, Proceedings of the Second ACM Conference on Data and Application Security and Privacy, Association for Computing Machinery (ACM), 2012


[107/225]: Kumari, Prachi; Pretschner, Alexander; Peschla, Jonas; Kuhn, Jens-Michael, Distributed data usage control for web applications, Proceedings of the First ACM Conference on Data and Application Security and Privacy, Association for Computing Machinery (ACM), 2011

[108/225]: Leitner, Andreas; Pretschner, Alexander; Mori, Stefan; Meyer, Bertrand; Oriol, Manuel, On the Effectiveness of Test Extraction without Overhead, Proc. 2nd Intl. Conf. on Software Testing, Verification, and Validation (ICST, Institute of Electrical & Electronics Engineers (IEEE), 2009


[113/225]: Lovat, Enrico; Oudinet, Johan; Pretschner, Alexander, On quantitative dynamic data flow tracking, Proceedings of the 4th ACM Conference on Data and Application Security and Privacy, Association for Computing Machinery (ACM), 2014

[114/225]: Lovat, Enrico; Oudinet, Johan; Pretschner, Alexander, On quantitative dynamic data flow tracking, Proceedings of the 4th ACM Conference on Data and Application Security and Privacy, Association for Computing Machinery (ACM), 2014

[115/225]: Lovat, Enrico; Pretschner, Alexander, Data-centric multi-layer usage control enforcement, Proceedings of the 16th ACM Symposium on Access Control Models and Technologies, Association for Computing Machinery (ACM), 2011


[118/225]: Moucha, Cornelius; Lovat, Enrico; Pretschner, Alexander, A Hypervisor-Based Bus System for Usage Control, Proceedings of the 2011 Sixth International Conference on Availability, Reliability and Security, Institute of Electrical & Electronics Engineers (IEEE), 2011


[120/225]: Neisse, Ricardo; Pretschner, Alexander; Di Giacomo, Valentina, A Trustworthy Usage Control Enforcement Framework, Proceedings of the 2011 Sixth International Conference on Availability, Reliability and Security, Institute of Electrical & Electronics Engineers (IEEE), 2011


[124/225]: Ognawala, Saahil; Hutzelmann, Thomas; Psallida, Eirini; Pretschner, Alexander, Improving function coverage with munch, Proceedings of the 33rd Annual ACM Symposium on Applied Computing - SAC ’18, ACM Press, 2018

[125/225]: Osman, Mohd Hafeez; Ho-Quang, Truong; Chaudron, Michel, An Automated Approach for Classifying Reverse-Engineered and Forward-Engineered UML Class Diagrams, 2018 44th Euromicro Conference on Software Engineering and Advanced Applications (SEAA), IEEE, 2018

[126/225]: Osman, Mohd Hafeez; Zaharin, Mohd Firdaus, Ambiguous software requirement specification detection, Proceedings of the 5th International Workshop on Requirements Engineering and Testing - RET ’18, ACM Press, 2018


[128/225]: Oudinet, Johan; Denise, Alain; Gaudel, Marie-Claude, A new dichotomic algorithm for the uniform random generation of words in regular languages, 165-176, Theoretical Computer Science 502:165-176, August 2013, Elsevier BV, 2013


[130/225]: Philippps, J.; Hahn, G.; Pretschner, A.; Stauner, T., Prototype-based tests for hybrid reactive systems, 14th IEEE Intl. workshop on Rapid System Prototyping, Institute of Electrical & Electronics Engineers (IEEE), 2003

[131/225]: Philippps, J.; Pretschner, A.; Slotsch, O.; Aiglstorfer, E.; Krieble, S.; Scholl, K., Model-Based Test Case Generation for Smart Cards1 Support by the BMBF (project EMPRESS) is gratefully acknowledged., 170-184, Electronic Notes in Theoretical Computer Science, Elsevier BV, 2003


[133/225]: Prachi Kumari, Florian Kelbert, Alexander Pretschner, Data Protection in Heterogeneous Distributed Systems: A Smart Meter Example, Dependable Software for Critical Infrastructures, 2011

[140/225]: Pretschner, A., Lötzbeyer, H, Model Based Testing with Constraint Logic Programming: First Results and Challenges, 2nd ICSE Intl. Workshop on Automated Program Analysis, 2001
[154/225]: Pretschner, A.; Lotzbeyer, H.; Philipps, J., Model based testing in evolutionary software development, 12th IEEE Intl. Workshop on Rapid System Prototyping (RSP’01), Institute of Electrical & Electronics Engineers (IEEE), 2001
[158/225]: Pretschner, A.; Schütz, F.; Schaefer, C.; Walter, T., Policy Evolution in Distributed Usage Control, 109-123, 4th Intl Workshop on Security and Trust Management (STM’08), Elsevier BV, 2009
[168/225]: Pretschner, Alexander; Hilty, Manuel; Basin, David, Distributed usage control, 39, Communications of the ACM, Association for Computing Machinery (ACM), 2006
[169/225]: Pretschner, Alexander; Hilty, Manuel; Schütz, Florian; Schaefer, Christian; Walter, Thomas, Usage Control Enforcement: Present and Future, 44-53, Security Privacy, IEEE, Institute of Electrical & Electronics Engineers (IEEE), 2008
[171/225]: Pretschner, Alexander; Holling, Dominik; Eschbach, Robert; Gemmar, Matthias, A Generic Fault Model for Quality Assurance, 87-103, Model-Driven Engineering Languages and Systems, Moreira, Ana; Schätz, Bernhard; Gray, Jeff; Vallecillo, Antonio; Clarke, Peter, Springer Berlin Heidelberg, 2013
[174/225]: Pretschner, Alexander; Lötzbeyer, Heiko; Philipps, Jan, Model based testing in incremental system development, 315-329, Journal of Systems and Software 70(3), Elsevier BV, 2004
[176/225]: Pretschner, Alexander; Mouelhi, Tejeddine; Traon, Yves Le, Model-Based Tests for Access Control Policies, Proc. 1st International Conference on Software Testing, Verification, and Validation (ICST), Institute of Electrical & Electronics Engineers (IEEE), 2008
[177/225]: Pretschner, Alexander; Mouelhi, Tejeddine; Traon, Yves Le, Model-Based Tests for Access Control Policies, Proc. 1st International Conference on Software Testing, Verification, and Validation (ICST), Institute of Electrical & Electronics Engineers (IEEE), 2008
on Empirical Software Engineering and Measurement - ESEM ‘18, ACM Press, 2018


[201/225]: Schüle, Maximilian E.; Schliski, Pascal M. N.; Hutzellmann, Thomas; Rosenberger, Tobias; Leis, Viktor; Vorona, Dimitri; Kemper, Alfonz; Neumann, Thomas, Monopedia, Proceedings of the VLDB Endowment, 2017, 10, 12, 1921-1924


[203/225]: Shafaei, Sina; Kugele, Stefan; Osman, Mohd Hafeez; Knoll, Alois, Uncertainty in Machine Learning: A Safety Perspective on Autonomous Driving, Developments in Language Theory, Springer International Publishing, 2018


[211/225]: Traon, Yves Le; Mouelhi, Tejeddine; Pretschner, Alexander; Baudry, Benoit, Test-Driven Assessment of Access Control in Legacy Applications, Proc. 1st International Conference on Software Testing, Verification, and Validation (ICST), Institute of Electrical & Electronics Engineers (IEEE), 2008

[212/225]: Traon, Yves Le; Mouelhi, Tejeddine; Pretschner, Alexander; Baudry, Benoit, Test-Driven Assessment of Access Control in Legacy Applications, Proc. 1st International Conference on Software Testing, Verification, and Validation (ICST), Institute of Electrical & Electronics Engineers (IEEE), 2008


[217/225]: Vigano, Luca, The SPaCloS Project: Secure Provision and Consumption in the Internet of Services, OWASP AppSec Research, Institute of Electrical & Electronics Engineers (IEEE), 2013


[219/225]: Wuchner, Tobias; Pretschner, Alexander, Data Loss Prevention Based on Data-Driven Usage Control, Proceedings of the 2012 IEEE 23rd International Symposium on Software Reliability Engineering, Institute of Electrical & Electronics Engineers (IEEE), 2012


[221/225]: Wuchner, Tobias; Müller, Steffen; Fischer, Robin, Compliance-Preserving Cloud Storage Federation Based on Data-Driven Usage Control, Cloud Computing Technology and Science (CloudCom), 2013 IEEE 5th International Conference on, Institute of Electrical & Electronics Engineers (IEEE), 2013

[222/225]: Wuchner, Tobias; Ochoa, Martin; Pretschner, Alexander, Malware detection with quantitative data flow graphs, Proceedings of the 9th ACM Symposium on Information, Computer and Communications Security, Association for Computing Machinery (ACM), 2014

[223/225]: Wuchner, Tobias; Pretschner, Alexander; Ochoa, Martin, DAVAST, Proceedings of the Eleventh Workshop on Visualization for Cyber Security, Association for Computing Machinery (ACM), 2014


[225/225]: Ziegelmeyer, Valentin, Resilience Metrics, 2016