

Stanislav Dashevskyi

CONTACT INFORMATION	<p>stanislav.dashevskyi@uni.lu</p> <p>Interdisciplinary Centre for Security, Reliability and Trust (SnT) University of Luxembourg Campus Belval — Maison du Nombre 6, avenue de la Fonte L-4364 Esch/Belval</p>
RESEARCH INTERESTS	Software Security, Software Vulnerabilities, Security Certification of Third-party Software
EDUCATION	<p>University of Trento, Trento, Italy</p> <p>Ph.D., Computer Science - Software Security, 2017</p> <ul style="list-style-type: none">• Thesis: <i>Security Assessment of Open Source Third-parties Applications</i>• Advisors: Prof. Dr. Fabio Massacci and Dr. Antonino Sabetta <p>National Mining University, Dnipropetrovsk, Ukraine</p> <p>BSc. MSc., Computer Science - Automation and Control Systems, 2010</p> <ul style="list-style-type: none">• Thesis: <i>Modelling an Automated Temperature Control System for Multichannel Iron Ore Roasting Machines and Optimizing Natural Gas Consumption Parameters</i>.• Advisor: Prof. Dr. Tkachov V.V.
RESEARCH EXPERIENCE	<p>Research Associate September 2017 to present</p> <p>Interdisciplinary Centre for Security, Reliability and Trust (SnT), SaToSS research group, University of Luxembourg Supervisor: Prof. Dr. Sjouke Mauw</p>
PUBLICATIONS	<ol style="list-style-type: none">1. A. Pilgun, O. Gadyatskaya, S. Dashevskyi, Y. Zhauniarovich, and A. Kushniarou. "An Effective Android Code Coverage Tool". CCS'2018 (DEMO, to appear).2. S. Dashevskyi, O. Gadyatskaya, A. Pilgun and Y. Zhauniarovich. "The Influence of Code Coverage Metrics on Automated Testing Efficiency in Android". CCS'2018 (POSTER, to appear).3. S. Dashevskyi, A. D. Brucker, and F. Massacci. "On the Effort for Security Maintenance of Free and Open Source Components". Presented at WEIS 2018, Innsbruck, AT.4. S. Dashevskyi, A. D. Brucker, and F. Massacci. "A Screening Test for Disclosed Vulnerabilities in FOSS Components". Accepted for publication in IEEE Transactions on Software Engineering (TSE), 2018.5. I. Pashchenko, S. Dashevskyi, and F. Massacci. "DeltaBench: Differential Benchmark for Static Analysis Security Testing Tools". In Proceedings of the International Symposium on Empirical Software Engineering and Measurement (ESEM), 2017.6. S. Dashevskyi, D. R. dos Santos, F. Massacci, and A. Sabetta. "TestREx: a Framework for Repeatable Exploits". International Journal of Software Tools for Technology Transfer (STTT), 2017.

	<ol style="list-style-type: none"> 7. S. Dashevskiy, A. D. Brucker, and F. Massacci. "On the Security Cost of Using a Free and Open Source Component in a Proprietary Product". In Proceedings of the Engineering Secure Software and Systems Conference (ESSoS), 2016. 8. V.H. Nguyen,S. Dashevskiy, and F. Massacci. "An Automatic Method for Assessing the Versions Affected by a Vulnerability". Empirical Software Engineering Journal (ESE), 2016. 9. S. Dashevskiy, D. R. Dos Santos, F. Massacci, and A. Sabetta. "TestREx: a Testbed for Repeatable Exploits". In Proceedings of the 7th USENIX Workshop on Cyber Security Experimentation and Test (USENIX CSET), 2014.
PATENTS	<ol style="list-style-type: none"> 1. A. D. Brucker, S. Dashevskiy. "Vulnerability Analysis of Software Components", US Patent App. 14/965,449, 2017. 2. A. Sabetta, L. Compagna, S. Ponta, S. Dashevskiy, D.R. Dos Santos, and F. Massacci. "Multi-Context Exploit Test Management". US Patent App. 14/692,203, 2016.
BOOK CHAPTERS	<ol style="list-style-type: none"> 1. L. ben Othmane, A. D. Brucker, S. Dashevskiy, and P. Tsalovski, "Empirical research for software security: foundations and experience". In, L. ben Othmane, M.G. Jaatun, and E. Weippl, Eds. CRC Press, 2017, ch. "An introduction to data analytics for software security".
FEATURED TALKS	<ol style="list-style-type: none"> 1. A. D. Brucker, S. Dashevskiy, and F. Massacci, "Using Third-party Components for Building an Application Might be More Dangerous than You Think!". OWASP AppSec Europe, 2016. (Slides) (Recording)
PAST PROJECTS	<ol style="list-style-type: none"> 1. SECENTIS: Security and Trust of Next Generation Enterprise Information Systems.
AWARDS	<ul style="list-style-type: none"> • Baden-Württemberg Scholarship, Reutlingen, Germany 2010
TEACHING EXPERIENCE	<p>Teaching assistant Network Security 2018 Master course on network security offered by University of Luxembourg</p> <p>Teaching assistant ICT Innovation/Product Design and Development 2017 Master course on entrepreneurship offered by University of Trento</p> <p>Teaching assistant Offensive Technologies 2017 Master course on software security offered by University of Trento</p> <p>Teaching assistant Offensive Technologies 2014 Master course on software security offered by University of Trento</p>