

IEEE SecDev '18 Accepted Tutorials

1. **Secure Coding Practices, Automated Assessment Tools and the SWAMP.** Barton P. Miller and Elisa Heymann (University of Wisconsin-Madison)
2. **Secure Your Things: Secure Development of IoT Software with Frama-C.** Allan Blanchard (*Inria Lille – Nord Europe, France*), Nikolai Kosmatov (*CEA, Software Reliability and Security Lab, France*), Frédéric Louergue (*School of Informatics Computing and Cyber Systems, Northern Arizona University*)
3. **Continuous Verification of Critical Software.** Mike Dodds, Stephen Magill, Aaron Tomb (*Galois, Inc.*)
4. **DeepState: Bringing Vulnerability Detection Tools into the Development Cycle.** Peter Goodman, Gustavo Grieco (*Trail of Bits, Inc.*), Alex Groce (*School of Informatics, Computing & Cyber Systems, Northern Arizona University*)
5. **Parry and RIPOSTE: Honing Cybersecurity Skills with Challenge-Based Exercises.** Jan Werner (*University of North Carolina at Chapel Hill*), Fabian Monroe (*University of North Carolina at Chapel Hill*)
6. **Principles and Practices of Secure Coding.** Sazzadur Rahaman, Na Meng, Daphne Yao (*Virginia Tech*)
7. **Building Secure Consortium Blockchains for Decentralized Applications.** Cong Wang, Chengjun Cai (*City University of Hong Kong*)

IEEE SecDev '18 Accepted Papers

1. **Tyche: A Risk-Based Permission Model for Smart Homes.** Amir Rahmati (*Samsung Research America/Stony Brook University*), Earlence Fernandes (*University of Washington*), Kevin Eykholt (*University of Michigan*), and Atul Prakash (*University of Michigan*)
2. **BP: Formal Proofs, the Fine Print and Side Effects.** Toby Murray (*University of Melbourne*) and Paul van Oorschot (*Carleton University*)
3. **BP: Security Concerns and Best Practices for Automation of Software Deployment Processes - An Industrial Case Study.** Vaishnavi Mohan (*Deloitte Analytics Institute*), Lotfi ben Othmane (*Iowa State University*), and Andre Kres (*IBM*)
4. **Checked C: Making C Safe by Extension.** Archibald Samuel Elliott (*University of Washington*), Andrew Ruef (*University of Maryland*), Michael Hicks (*University of Maryland*), and David Tarditi (*Microsoft Research*)
5. **Transforming Code to Drop Dead Privileges.** Xiaoyu Hu (*BitFusion.io Inc.*), Spyridoula Gravani (*University of Rochester*), Jie Zhou (*University of Rochester*), and John Criswell (*University of Rochester*)
6. **Detecting leaks of sensitive data due to stale reads.** Will Snaveley, William Klieber, Ryan Steele, David Svoboda, and Andrew Kotov (*Software Engineering Institute - Carnegie Mellon University*)

7. **BP: DECREE: A Platform and Benchmark Corpus for Repeatable and Reproducible Security Experiments.** Lok Yan (*Air Force Research Laboratory*), Benjamin Price (*MIT Lincoln Laboratory*), Michael Zhivich (*MIT Lincoln Laboratory*), Brian Caswell (*Lunge Technology*), Christopher Eagle (*Naval Postgraduate School*), Michael Frantzen (*Kudu Dynamics*), Holt Sorenson (*Google Inc.*), Michael Thompson (*Naval Postgraduate School*), Timothy Vidas (*Carnegie Mellon University*), Jason Wright (*Thought Networks*), Vernon Rivet (*MIT Lincoln Laboratory*), Samuel Colt VanWinkle (*MIT Lincoln Laboratory*), and Clark Wood (*MIT Lincoln Laboratory*)
8. **There's a Hole in the Bottom of the C: On the Effectiveness of Allocation Protection.** Ronald Gil (*MIT CSAIL*), Hamed Okhravi (*MIT Lincoln Laboratory*), and Howard Shrobe (*MIT CSAIL*).
9. **Light-touch Interventions to Improve Software Development Security.** Charles Weir (*Lancaster University, UK*), Lynne Blair (*Lancaster University, UK*), Ingolf Becker (*University College London, UK*), Angela Sasse (*University College London, UK*), and James Noble (*Victoria University of Wellington, NZ*)
10. **SGL: A domain-specific language for large-scale analysis of open-source code.** Darius Foo, Ang Ming Yi, Jason Yeo, and Asankhaya Sharma (*SourceClear, Inc.*)
11. **A Lingua Franca for Security by Design.** Alexander van den Berghe (*imec-DistriNet, KU Leuven*), Koen Yskout (*imec-DistriNet, KU Leuven*), Riccardo Scandariato (*Software Engineering Division, University of Gothenburg*), and Wouter Joosen (*imec-DistriNet, KU Leuven*).
12. **BP: Integrating Cyber Vulnerability Assessments Earlier into the Systems Development Lifecycle.** Sonja Glumich, Juanita Riley, Paul Ratazzi, and Amanda Ozanam (*Air Force Research Laboratory Information Directorate*)
13. **Towards Understanding the Adoption of Anti-Spoofing Protocols in Email Systems.** Hang Hu, Peng Peng, and Gang Wang (*Virginia Tech*)
14. **BP: Profiling Vulnerabilities on the Attack Surface.** Christopher Theisen, Hyunwoo Sohn, Dawson Tripp, and Laurie Williams (*North Carolina State University*)