

June 2019 S²ERC Showcase
New Proposal Snapshots Selected for Presentation

Title	Category	PI(s)	University
Automated Fix Recommendation to Vulnerabilities	Both Security & Software Engineering	Shaoen Wu	Ball State
Experimental Optimization of Privacy Protection Methods (OPTIPRI)	Security	Ulrico Celentano	Oulu
Formal Verification of TCP-AO	Both Security & Software Engineering	Eric Burger Clare Sullivan	Georgetown
Generating Sensible Augmented Software Test Cases with Deep Learning	Software Engineering	Shaoen Wu	Ball State
Leveraging Rigorous Software Specification and Testing to Developing and Orchestrating Reliable Applications for Network Softwarization	Both Security & Software Engineering	Lan Lin Xin Sun	Ball State
Preventing Vulnerabilities and Attacks Before They Are Born	Security	Shaoen Wu	Ball State
ProGame – Behavioral Profiling for Games	Both Security & Software Engineering	Susanna Pirttikangas Ella Peltonen Lauri Lovén Mauri Miettinen	Oulu
Proof-of-concept for intelligent contracts using blockchain	Software Engineering	Pekka Abrahamsson	Jyväskylä
Sequential Data Integrity	Security	Daniel Shin Shin'ichiro Matsuo Clare Sullivan	Georgetown