

**June 2020 S²ERC Virtual Showcase
Snapshots Selected for Presentation**

Proposal Title	Category	PI(s)	University
Detecting Satellite Landmarks from Aerial or Ground Photography	Security	Shaoen Wu	Ball State
Epidemic tracing software security	Security	Ulrico Celentano	Oulu
Intelligent System Intrusion Detection based on Event-Driven Deep Learning	Security	Shaoen Wu	Ball State
SDN-Based Machine-Learning-Enabled Network Intrusion Detection	Security	Xin Sun	Ball State
Automated Test Case Generation with Deep Learning	Software Engineering	Shaoen Wu	Ball State
Converging or Diverging: Leveraging Statistical Testing with Combinatorial Test Design	Software Engineering	Lan Lin	Ball State
Leveraging Rigorous Software Specification and Testing to Developing and Orchestrating Reliable Applications for Network Softwarization	Software Engineering	Xin Sun Lan Lin	Ball State
Visualizing Any Software System Using a Template-Based Converter	Software Engineering	Huseyin Ergin	Ball State
Improving the Generality and Robustness of Automated Software Vulnerability Detection with Deep Learning	Security & Software Engineering	Shaoen Wu	Ball State