SEAIS 2022 Program (SGT UTC+8)									
Day 1: 7 March, 2022 (Monday)									
09:00 - 09:30	Opening								
09:30 - 10:20	**Keynote 1: Towards Bridging the Knowledge-Language Gap, Yuan-Fang Li**								
10:20 - 10:30	Break								
10:30 - 11:20	**Keynote 2: Trace-travelling Debugging: From Program Execution to AI-model Training, Yun Lin**								
11:20 - 11:30	Break								
11:30 - 12:20	**Keynote 3: Towards Quantitative Analysis of Stateful Deep Learning Systems with Model-based Approaches, Xiaoning Du**								
12:20 - 13:30	Lunch Break								
13:30 - 14:45	**Technical Session 1 (Session Chair: Guangdong Bai)**								
	Self-Checking Deep Neural Networks in Deployment, Yan Xiao								
	Sports Strategy Analytics using Probabilistic Model Checking and Machine Learning, Jiang Kan								
	Interpolation-based Program Verification, Shang-Wei Lin								
14:45 - 15:00	Break								
15:00 - 16:15	**Technical Session 2 (Session Chair: Yun Lin)**								
	Devign: Effective Vulnerability Identification by Learning Comprehensive Program Semantics via Graph Neural Networks, Liu Shangqing								
	Critical Path in Deep Learning Models, Tianlin Li								
	Demystifying the Vulnerability Propagation and Its Evolution via Dependency Trees in the NPM Ecosystem, Liu Chengwei								
Day 2: 8 March, 2022 (Tuesday)									
09:30 - 10:20	**Keynote 4: Privacy Preservation in Collaborative Learning, Guangdong Bai**								
10:20 - 10:30	Break								
10:30 - 11:30	**Keynote 5: Security by Design: a New Internet based on Scion, David Basin**								
11:30 - 12:00	Lunch Break								
12:00 - 13:15	**Technical Session 3 (Session Chair: Yan Xiao)**								
	Identifying Privacy Weaknessses from Multi-party Trigger-Action Integration Platforms, Kulani Tharaka Mahadewa								
	Assessing Certificate Validation User Interfaces of WPA Supplicants, Kailong Wang								
	Troubleshooting Deep Neural Networks using Explanations, Sandareka Wickramanayake								
13:15 - 13:30	Break								
13:30 - 14:45	**Technical Session 4 (Session Chair: Zhe Hou)**								
	Fuzz Driver Generation for Closed-source SDK Libraries, Cen Zhang								
	Towards Generalizable and Robust Neural Code Models, Zhiming Li								
	Enhancing & assessing trustworthy AI using out-of-distribution detection, David Berend								
14:45 - 15:00	Break								
15:00 - 15:50	**Keynote 6: Software Testing Meets Trustworthy Deep Learning, Jingyi Wang**								
15:50 - 16:00	Break								
16:00 - 17:15	**Technical Session 5 (Session Chair: Naipeng Dong)**								
	Nash-equilibrium verification of Multi Agent Systems, Dileepa Fernando								
	Provably Secure Decisions based on Unreliable Information, Dongxia Wang								
	A Uniform Framework for Anomaly Detection in Deep Neural Networks, Fangzhen Zhao								
Day 3: 9 March, 2022 (Wednesday)									
09:30 - 10:20	**Keynote 7: Secure Deep Learning Engineering: A Road towards Quality and Security of Intelligent Systems, Xiaofei Xie**								
10:20 - 10:30	Break								
10:30 - 11:45	**Technical Session 6 (Session Chair: Chenghao Cai)**								
	Failure-inducing Input Generation for Cyber-Physical Systems based on Deep Reinforcement Learning, Shuang Liu								
	API Usage Pattern Search Based on Model Checking, Jun Niu								
	ExAIS: Executable AI Semantics, Richard Schumi								
11:45 - 13:00	Lunch Break								
13:00 - 13:50	**Keynote 8: Robust VisIntel: A Road towards Robustness of Visual Intelligence, Qing Guo**								
13:50 - 14:00	Break								
14:00 - 16:00	**Tutorials (Session Chair: Yi Li)**								
	Fast, Efficient and Explainable Machine Learning with Silas, Zhe Hou								
	The Automation of B Model Repair, Chenghao Cai								
16:00 - 16:20	Closing								