		1-Mar		2-Mar	3-Mar
		Session: Opening and Keynote (Chair: Zhe Hou)		Session: Keynote (Chair: Zhe Hou)	Session: Keynote (Chair: Guangdong Bai)
8:30 - 10:00		Opening		Program starts at 9am Singapore time today.	Program starts at 9am Singapore time today.
		Keynote: Verified Artificial Intelligence and Autonomy *Sanjit Seshia*		Keynote: Modular Synthesis of Certifying STV Counting Programs *Rajeev Gore*	Keynote: Towards a Unified Framework for Neural Network Analysis *Jun Sun*
10:00 - 10:30		Morning Tea			
10:30 - 12:00		Tutorial: Silas: Dependable and High Performance Machine Learning Zhe Hou	Workshop	**Session 1: Program Verification (Chair: David Sanán)**	**Session 4: Formal Methods for Machine Learning (Chair: Xiaofei Xie)**
				Verification of Programs with Pointers in SPARK *Georges-Axel Jaloyan, Claire Dross, Maroua Maalej, Yannick Moy, Andrei Paskevich*	PAC Learning of Deterministic One-Clock Timed Automata *Wei Shen, Jie An, Bohua Zhan, Miaomiao Zhang, Bai Xue, Naijun Zhan*
				Automated Temporal Verification of Integrated Dependent Effects *Yahui Song, Wei-Ngan Chin*	Learning Fault Models of Cyber Physical Systems *Teck Ping Khoo, Jun Sun, Sudipta Chattopadhyay*
				Parallel Chopped Symbolic Execution *Shikhar Singh, Sarfraz Khurshid*	VARF: Verifying and Analyzing Robustness of Random Forests *Chaoqun Nie, Jianqi Shi, Yanhong Huang*
12:00 - 13:30		Lunch			
13:30 - 15:00		Tutorial: Silas: Dependable and High Performance Machine Learning Zhe Hou (cont.)	Workshop	**Session 2: Programming Languages (Chair: Xuan Bach Le)**	**Session 5: Applications of Formal Methods (Chair: David Sanán)**
				A Reversible Operational Semantics for Imperative Programming Languages *Maribel Fernández, Ian Mackie*	Formal Foundations for Intel SGX Data Center Attestation Primitives *Muhammad Usama Sardar, Rasha Faqeh, Christof Fetzer*
		Doctoral Symposium		Type-Based Declassification for Free *Minh Ngo, David A. Naumann, Tamara Rezk*	Formalizing the Transaction Flow Process of Hyperledger Fabric *Xiangyu Chen, Ximeng Li, Qianying Zhang, Zhiping Shi, Yong Guan*
				Four-Valued Monitorability of ω-Regular Languages *Zhe Chen, Yunyun Chen, Robert M. Hierons, Yifan Wu*	Embedding Approximation in Event-B: Safe Hybrid System Design Using Proof and Refinement *Guillaume Dupont, Yamine Aït-Ameur, Neeraj K. Singh, Fuyuki Ishikawa, Tsutomu Kobayashi, Marc Pantel*
15:00 - 15:30		Afternoon Tea			
15:30 - 17:00		Workshop		**Session 3: Safety and Security (Chair: Yuekang Li)**	**Session 6: Applications and Short Papers (Chair: Yan Zheng)**
				Hackers vs. Security: Attack-Defence Trees as Asynchronous Multi-agent Systems *Jaime Arias, Carlos E. Budde, Wojciech Penczek, Laure Petrucci, Teofil Sidoruk, Mariëlle Stoelinga*	Formally Verified Trades in Financial Markets *Suneel Sarswat, Abhishek Kr Singh*
				Robustness and Failure Detection in Epistemic Gossip Protocols *Kosei Fujishiro, Koji Hasebe*	(Short) Towards Modeling and Verification of the CKB Block Synchronization Protocol in Coq *Hao Bu, Meng Sun*
					(Short) Accurate Abstractions for Controller Synthesis with Non-uniform Disturbances *Yunjun Bai, Kaushik Mallik*
				Reasoning with Failures *Hamid Jahanian, Annabelle McIver*	(Short) Formalising Privacy-Preserving Constraints in Microservices Architecture Inna Vistbakka, Elena Troubitsyna
					(Short) Algebraic Approach for Confidence Evaluation of Assurance Cases *Yoriyuki Yamagata, Yutaka Matsuno*

Note: the program is in Singapore time.