

	9am	10:30am	11am	12pm	1:30pm	3pm	3:30pm		
Sunday (NIER)	Decidability & Synthesis		Lunch	Programmability		Break	Specification & Verification		
	On The Decidability of PDA by Yuxi Fu			Bidirectional Programming in Datalog by Zhenjiang Hu			Temporal Properties of Smart Contracts by Ilya Sergey, Amrit Kumar and Aquinas Hobor		
Monday (APLAS)	Types		Break	Keynote	Lunch	Program Analysis		Break	Tool Papers
	Welcome	Non-linear Pattern Matching with Backtracking for Non-free Data Types by Satoshi Egi and Yuichi Nishiwaki		Amal Ahmed	Compositional Compiler Verification for a Multi-Language World	On the Soundness of Call Graph Construction in the Presence of Dynamic Language Features – A Benchmark and Tool Evaluation by Li Sui, Jens Dietrich, et al			Scallina: Translating Verified Programs from Coq to Scala by Youssef El Bakouny and Dani Mezher
		Types of Fireballs by Beniamino Accattoli and Giulio Guerrieri				Complexity Analysis of Tree Share Structure by Xuan Bach Le, Aquinas Hobor, and Anthony Widjaja Lin			Holce: A ICE-based Non-Linear Horn Clause Solver by Adrien Champion, Naoki Kobayashi, and Ryosuke Sato
		Factoring Derivation Spaces via Intersection Types by Pablo Barenbaum and Gonzalo Ciruelos				Relational Thread-Modular Abstract Interpretation Under Relaxed Memory Model by Thibault Suzanne and Antoine Miné			Traf: a Graphical Proof Tree Viewer Cooperating with Coq through Proof General by Hideyuki Kawabata, Yuta Tanaka, Mai Kimura, and Tetsuo Hironaka
						The Practice of a Compositional Functional Programming Language by Timothy Jones and Michael Homer			
Tuesday (APLAS)	Functional & Probabilistic Programs		Break	Keynote	Lunch	Excursion		Banquet	
	New Approaches for Almost-Sure Termination of Probabilistic Programs by Mingzhang Huang, Hongfei Fu, and Krishnendu Chatterjee			Azalea Raad	Pickup for excursion to Weta Digital @ 1:30pm; drop off to Te Papa @ 5pm				
	Particle-Style Geometry of Interaction as a Module System by Ulrich Schöpp								
Automated Synthesis of Functional Programs with Auxiliary Functions by Shingo Eguchi, Naoki Kobayashi, and Takeshi Tsukada		Correctness in a weakly consistent setting							
Wednesday (APLAS)	Verification		Break	Keynote	Lunch	Logic	Break	Continuation and Model Checking	Closing
	Modular Verification of SPARCV8 Code by Junpeng Zha, Xinyu Feng, and Lei Qiao			Bernhard Scholz	Automated proof synthesis for the minimal propositional logic with deep neural networks by Taro Sekiyama and Kohei Suenaga			Certifying CPS Transformation of Let-polymorphic Calculus Using PHOAS by Urara Yamada and Kenichi Asai	
	Formal Verification of a Call-by-value Lambda Calculus Machine by Fabian Kunze, Gert Smolka, and Yannick Forster				On the Complexity of Pointer Arithmetic in Separation Logic by James Brotherston and Max Kanovich			Model Checking Differentially Private Properties by Depeng Liu, Bow-Yaw Wang, and Lijun Zhang	
Automated Modular Verification for Relaxed Communication Protocols by Andreea Costea, Wei-Ngan Chin, Shengchao Qin, and Florin Craciun		A Decision Procedure for String Logic with Quadratic Equations, Regular Expressions and Length Constraints by Quang Loc Le and Mengda He			Shallow Effect Handlers by Daniel Hillerström and Sam Lindley				
Thursday (SAPLING)			Break	Keynote	Lunch	Keynote	Break		
	Portable Memory Management Toolkit in Rust, Zixian Cai, Brenda Wang, Pavel Zakopaylo		David Pearce	On the Architecture of a (Verifying) Compiler	Steve Blackburn				Construction of Control Flow Graphs for Binary Programs, Dominik Klumpp, Franck Cassez
	Understanding & Analysing the G1 Family of Garbage Collectors, Wenyu Zhao				The DaCapo Benchmark Suite: A Methodological, Engineering, and Social Journey,				Use of LINQ queries in C#, Erin Greenwood-Thessman, Michael Homer and James Noble
Using Program Analysis for Detecting Denial of Service (DoS) Vulnerabilities in Java Code, Shawn Rasheed and Jens Dietrich		The Bounded Lattice Type System, Robert Smart							
				What Programming Languages Do Developers Use? A Theory of Static vs Dynamic Language Choice, Aaron Pang, Craig Anslow and James Noble		Nested Trait Composition for Modular Software Development, Marco Servetto		Declarative Specification of Indentation Rules: A Tooling Perspective on Parsing and Pretty-Printing	
						Layout-Sensitive Languages, Luís Eduardo de Souza Amorim			