ETAPS 2012 main conferences, Swissôtel Tallinn (Tornimäe 3)

Monday, 26 March

9.00-9.30	Opening			
9.30-10.30	ESOP invited talk			
	Bjarne Stroustrup. Foundations of C++			
10.30-11.00	Coffee			
11.00-12.30	ESOP [Theory of Functional Programming]	FASE [Software Architecture and Components]	POST [Verification in the Small]	
	Stephen Chang and Matthias Felleisen. The Call-by-Need Lambda Calculus, Revisited	Davide Di Ruscio, Ivano Malavolta, Henry Muccini, Patrizio Pelliccione and Alfonso Pierantonio. Model-Driven Techniques to Enhance Architectural Languages Interoperability	Véronique Cortier, Jan Degrieck and Stéphanie Delaune. Analysing Routing Protocols: Four Nodes Topologies Are Sufficient	
	Christos Dimoulas, Sam Tobin-Hochstadt and Matthias Felleisen. Complete Monitors for Behavioral Contracts	Sebastian S. Bauer, Alexandre David, Rolf Hennicker, Kim Guldstrand Larsen, Axel Legay, Ulrik Nyman and Andrzej Wasowski. Moving from Specifications to Contracts in Component-based Design	Jason Franklin, Sagar Chaki, Anupam Datta, Jonathan M. McCune and Amit Vasudevan. Parametric Verification of Address Space Separation	
	Paul Downen and Zena M. Ariola. A Systematic Approach to Delimited Control with Multiple Prompts	Kyungmin Bae, Peter Csaba Ölveczky, José Meseguer and Abdullah Al-Nayeem. The SynchAADL2Maude Tool [Demo paper]	Miriam Paiola and Bruno Blanchet. Verification of Security Protocols with Lists: From Length One to Unbounded Length	
12.30-14.00	Lunch			
14.00-15.30	ESOP [Type Systems]	FASE [Services]	POST [Applied Protocols]	
	Ilya Sergey and Dave Clarke. Gradual Ownership Types	José Luiz Fiadeiro and Antónia Lopes. Consistency of Service Composition	Myrto Arapinis, Sergiu Bursuc and Mark Ryan. Privacy Supporting Cloud Computing: ConfiChair, a Case Study	
	Neelakantan R. Krishnaswami and Nick Benton. Adding Equations to System F	Jonas Eckhardt, Tobias Mühlbauer, Musab Al Turki, José Meseguer and Martin Wirsing. Stable Availability under Denial of Service Attacks through Formal	Véronique Cortier and Cyrille Wiedling. A Formal Analysis of the Norwegian e-voting Protocol	
	Sergueï Lenglet and Joe Wells. Expansion for Universal Quantifiers	Stefan Naujokat, Anna-Lena Lamprecht and Bernhard Steffen. Loose Programming with PROPHETS [demo paper]	David Basin, Cas Cremers and Simon Meier. Provably Repairing the ISO/IEC 9798 Standard for Entity Authentication	
15.30-16.00	Coffee			
16.00-18.00	ESOP [Analysis]	FASE [Verification and Monitoring]	POST [Protocols and Cryptographic Properties]	
	Patrick Cousot and Michael Monerau. Probabilistic Abstract Interpretation	Vineet Kahlon. Schedule Insensitivity Reduction	Hubert Comon-Lundh, Véronique Cortier and Guillaume Scerri. Security Proof with Dishonest Keys	
	Lisbeth Fajstrup, Éric Goubault, Emmanuel Haucourt, Samuel Mimram and Martin Raussen. Trace Spaces: An Efficient New Technique for State-Space Reduction	Leo Hatvani, Paul Pettersson and Cristina Seceleanu. Adaptive Task Automata: A Framework for Verifying Adaptive Embedded Systems	Myrto Arapinis, Sergiu Bursuc and Mark Ryan. Reduction of Equational Theories for Verification of Trace Equivalence: Re-encryption and Associativity-Commutativity	
	Taolue Chen, Chris Chilton, Bengt Jonsson and Marta Kwiatkowska. A Compositional Specification Theory for Component Behaviours	Elvira Albert, Richard Bubel, Samir Genaim, Reiner Hähnle and Guillermo Román-Díez. Verified Resource Guarantees for Heap Manipulating Programs	Gergei Bana and Hubert Comon-Lundh. Towards Unconditional Soundness: Computationally Complete Symbolic Attacker	
	Jonas Braband Jensen and Lars Birkedal. Fictional Separation Logic	Fabrizio Maria Maggi, Marco Montali and Wil M. P. van der Aalst. An Operational Decision Support Framework for Monitoring Business Constraints	Gilles Barthe, Benjamin Grégoire, Sylvain Heraud, Federico Olmedo and Santiago Zanella Béguelin. Verified Indifferentiable Hashing into Elliptic	
18.00-18.30			POST SC meeting	

20.00-...	Welcome reception (House of the Brotherhood of the Blackheads, Pikk 26)

ETAPS 2012 main conferences, Swissôtel Tallinn (Tornimäe 3)
Tuesday, 27 March

9.00-10.00	POST invited talk			
	Cynthia Dwork. Differential Privacy and the Power of (Formalizing) Negative Thinking			
10.00-10.30	Coffee			
10.30-12.30	ESOP [Parallelism]	FASE [Intermodelling and Model Transformations]	POST [Quantitative Approaches]	TACAS [SAT and SMT Based Methods]
	Kento Emoto, Sebastian Fischer and Zhenjiang Hu. Generate, Test, and Aggregate: A Calculation-based Framework for Systematic Parallel Programming with MapReduce	Zinovy Diskin, Tom Maibaum and Krzysztof Czarnecki. Intermodeling, Queries, and Kleisli Categories	Anupam Datta, Divya Sharma and Arunesh Sinha. Provable De-anonymization of Large Datasets with Sparse Dimensions	Razieh Nokhbeh Zaeem, Divya Gopinath, Sarfraz Khurshid and Kathryn S. McKinley (presented by Guowei Yang). History-Aware Data Structure Repair Using SAT
	Axel Habermaier and Alexander Knapp. On the Correctness of the SIMT Execution Model of GPUs	Frank Hermann, Hartmut Ehrig, Claudia Ermel and Fernando Orejas. Concurrent Model Synchronization with Conflict Resolution Based on Triple Graph Grammars	Ting-Fang Yen and Michael Reiter. Revisiting Botnet Models and Their Implications for Takedown Strategies	David Hardin, Konrad Slind, Mike Whalen and Tuan-Hung Pham. The Guardol Language and Verification System
	Yi Lu, John Potter, Chenyi Zhang and Jingling Xue. A Type and Effect System for Determinism in Multithreaded Programs	Julian Bradfield and Perdita Stevens. Recursive Checkonly QVT-R Transformations with General 'when' and 'where' Clauses via the Modal mu	Mu Yang, Vladimiro Sassone and Sardaouna Hamadou. A Game-Theoretic Analysis of Cooperation in Anonymity Networks	Arlen Cox, Sriram Sankaranarayanan and Bor-Yuh Evan Chang. A Bit Too Precise? Bounded Verification of Quantized Digital Filters
	Peter Hawkins, Alex Aiken, Kathleen Fisher, Martin Rinard and Mooly Sagiv. Reasoning About Lock Placements	Maarten de Mol, Arend Rensink and James J. Hunt. Graph Transforming Java Data	Eike Best and Philippe Darondeau. Deciding Selective Declassification of Petri Nets	Vijay D'Silva, Leopold Haller, Daniel Kroening and Michael Tautschnig. Numeric Bounds Analysis with Conflict-Driven Learning
12.30-13.50	Lunch			
13.50-14.50	FASE invited talk			
	Wil van der Aalst. Distributed Process Discovery and Conformance Checking			
15.00-16.00	ESOP [Staged Computation]	FASE [Modelling and Adaptation]	POST [Foundations of Security]	
	Morten Rhiger. Staged Computation with Staged Lexical Scope	Rick Salay, Michalis Famelis and Marsha Chechik. Language Independent Refinement using Partial Modeling	David Basin, Vincent Jugé, Felix Klaedtke and Eugen Zălinescu. Enforceable Security Policies Revisited	
	Jun Inoue and Walid Taha. Reasoning About Multi-Stage Programs	Roberto Bruni, Andrea Corradini, Fabio Gadducci, Alberto Lluch Lafuente and Andrea Vandin. A Conceptual Framework for Adaptation	Dimiter Milushev and Dave Clarke. Towards Incrementalization of Holistic Hyperproperties	
16.00-16.30	Coffee			
16.30-18.00	ESOP [Processes and Sessions]	FASE [Product Lines and Feature-Oriented Programming]	POST [Language-Based Methods]	TACAS [Automata]
	Ansgar Fehnker, Rob van Glabbeek, Peter Höfner, Annabelle McIver, Marius Portmann and Wee Lum Tan. A Process Algebra for Wireless Mesh Networks	Thomas Thüm, Ina Schaefer, Martin Kuhlemann, Sven Apel and Gunter Saake. Applying Design by Contract to Feature-Oriented Programming	Matteo Centenaro, Riccardo Focardi and Flaminia L. Luccio. Type-Based Analysis of PKCS#11 Key Management	Oliver Friedmann and Martin Lange. Ramsey-Based Analysis of Parity Automata
	Pierre-Malo Denielou and Nobuko Yoshida. Multiparty Session Types Meet Communicating Automata	Jiangfan Shi, Myra B. Cohen and Matthew B. Dwyer. Integration Testing of Software Product Lines Using Compositional Symbolic Execution	Torben Amtoft, Josiah Dodds, Zhi Zhang, Andrew Appel, Lennart Beringer, John Hatcliff, Xinming Ou and Andrew Cousino. A Certificate Infrastructure for Machine-Checked Proofs of Conditional Information Flow	Ondřej Lengál, Jiří Šimáček and Tomáš Vojnar. VATA: A Library for Efficient Manipulation of Non-Deterministic Tree Automata [Regular tool paper]
	Jorge A. Pérez, Luís Caires, Frank Pfenning and Bernardo Toninho. Linear Logical Relations for Session-Based Concurrency	Julia Rubin and Marsha Chechik. Combining Related Products into Product Lines	Jason Crampton and Charles Morisset. PTaCL: A Language for Attribute-Based Access Control in Open Systems	Tomáš Babiak, Mojmir Kretinsky, Vojtech Rehak and Jan Strejcek. LTL to Büchi Automata Translation: Fast and More Deterministic
18.00-18.30		FASE SC meeting	Umut A. Acar, Amal Ahmed, James Cheney and Roly Perera. A Core Calculus for Provenance	
18.45-19.30	Hearing of bids for ETAPS 2014			

ETAPS 2012 main conferences, Swissôtel Tallinn (Tornimäe 3)
Wednesday, 28 March

	ESOP [Verification]	FASE [Development Process]	FoSSaCS [Categorical Models]	TACAS [Model Checking]
9.00-10.00	Unifying talk			
	Bruno Blanchet. Security Protocol Verification: Symbolic and Computational Models			
10.00-10.30	Coffee			
10.30-12.30	ESOP [Verification]	FASE [Development Process]	FoSSaCS [Categorical Models]	TACAS [Model Checking]
	Andreas Lochbihler. Java and the Java Memory Model - A Unified, Machine-Checked Formalisation	Andreas Mauczka, Markus Huber, Christian Schanes, Wolfgang Schramm, Mario Bernhart and Thomas Grechenig. Tracing your Maintenance Work - A Cross-Project Validation of an Automated Classification Dictionary for Commit Messages	Robert Atkey, Neil Ghani, Bart Jacobs and Patricia Johann. Fibrational Induction Meets Effects	Fu Song and Tayssir Touili. Pushdown Model Checking for Malware Detection
	Gilles Barthe, Delphine Demange and David Pichardie. A Formally Verified SSA-Based Middle-End - Single Static Assignment Meets CompCert	Earl T. Barr, Christian Bird, Peter C. Rigby, Abram Hindle, Daniel M. German and Premkumar Devanbu. Cohesive and Isolated Development with Branches	Jiří Adámek, Filippo Bonchi, Mathias Hülsbusch, Barbara König, Stefan Milius and Alexandra Silva. A Coalgebraic Perspective on Minimization and Determinization	Kevin Hamlen, Micah Jones and Meera Sridhar. Aspect-Oriented Runtime Monitor Certification via Model-Checking
	Rohit Chadha, Stefan Ciobacă and Steve Kremer. Automated Verification of Equivalence Properties of Cryptographic Protocols	Mário Luís Guimarães and António Rito Silva. Making Software Integration Really Continuous	Danel Ahman, James Chapman and Tarmo Uustalu. When Is a Container a Comonad?	Frédéric Lang and Radu Mateescu. Partial Model Checking Using Networks of Labeled Transition Systems and Boolean Equation Systems
	Jacques-Henri Jourdan, François Pottier and Xavier Leroy. Validating LR(1) Parsers	Giovanni Becce, Leonardo Mariani, Oliviero Riganelli and Mauro Santoro. Extracting Widget Descriptions from GUIs	Jiří Adámek, Stefan Milius, Lawrence S. Moss and Lurdes Sousa. Well-pointed Coalgebras	Aws Albarghouthi, Arie Gurfinkel and Marsha Chechik. From Under-Approximations to Over-Approximations and Back
12.30-13.50	Lunch			
13.00-13.30	EASST General Assembly		TACAS SC meeting	
13.50-14.50	Unifying talk			
	Georg Gottlob. Querying UML Class Diagrams			
15.00-16.00	ESOP [Weak Memory Models]		FoSSaCS [Reasoning about Programs]	TACAS [Case Studies]
	Sebastian Burckhardt, Alexey Gotsman, Madanlal Musuvathi and Hongseok Yang. Concurrent Library Correctness on the TSO Memory Model		Ana Bove, Peter Dybjer and Andrés Sicard-Ramírez. Combining Interactive and Automatic Reasoning in First Order Theories of Functional Programs	Ansgar Fehnker, Rob van Glabbeek, Peter Höfner, Annabelle McIver, Marius Portmann and Wee Lum Tan. Automated Analysis of AODV using UPPAAL [Case Study]
	Mohamed Faouzi Atig, Ahmed Bouajjani, Sebastian Burckhardt and Madanlal Musuvathi. What's Decidable about Weak Memory Models?		Dariusz Biernacki and Sergueï Lenglet. Bisimulations for Delimited-Control Operators	Zhihao Jiang, Miroslav Pajic, Salar Moarref, Rajeev Alur and Rahul Mangharam. Modeling and Verification of a Dual Chamber Implantable Pacemaker [Case Study]
16.00-16.30	Coffee			
16.30-18.00	ESOP [Models of Programming]	FASE [Verification and Synthesis]	FoSSaCS [Automata]	TACAS [Tool Demonstrations]
	Gyesik Lee, Bruno C. d. S. Oliveira, Sungkeun Cho and Kwangkeun Yi. Gmeta: A Generic Formal Metatheory Framework for First-Order Representations	Zhenyue Long, Georgel Calin, Rupak Majumdar and Roland Meyer. Language-Theoretic Abstraction Refinement	Sebastian Preugschat and Thomas Wilke. Effective Characterizations of Simple Fragments of Temporal Logic Using Prophetic Automata	Maik Merten, Falk Howar, Bernhard Steffen, Sofia Cassel and Bengt Jonsson. Demonstrating Learning of Register Automata [Tool demo]
				Margus Veanes and Nikolaj Bjørner. Symbolic Automata: The Toolkit [Tool demo]
	Ruy Ley-Wild, Umut Acar and Guy Blelloch. Non-Monotonic Self-Adjusting Computation	Dalal Alrajeh, Jeff Kramer, Alessandra Russo and Sebastian Uchitel. Learning from Vacuously Satisfiable Scenario-Based Specifications	Stefan Breuers, Christof Löding and Jörg Olschewski. Improved Ramsey-Based Büchi Complementation	Alexander Heußner, Tristan Le Gall and Grégoire Sutre. McScM: A Framework for the Verification of Communicating Machines [Tool demo]
				Luis Caires and Hugo Torres Vieira. SLMC: A Tool for Model Checking Concurrent Systems against Dynamical Spatial Logic Specifications [Tool demo]
	Sebastian Burckhardt, Daan Leijen, Manuel Fähndrich and Mooly Sagiv. Eventually Consistent Transactions	Martin Erwig and Rahul Gopinath. Explanations for Regular Expressions	Helmut Seidl and Andreas Reuß. Extending H1-Clauses with Path Disequalities	Alexandre David, Lasse Jacobsen, Morten Jacobsen, Kenneth Yrke Jørgensen, Mikael H. Møller and Jiří Srba. TAPAAL 2.0: Integrated Development Environment for Timed-Arc Petri Nets [Tool Demo]
				Cyrille Jegourel, Axel Legay and Sean Sedwards. A Platform for High Performance Statistical Model Checking - PLASMA [Tool demo]
20.00-...	Banquet (Song Festival Grounds, Narva mnt 95)			

Thu 29 Mar

ETAPS 2012 main conferences, Swissôtel Tallinn (Tornimäe 3)
Thursday, 29 March

9.00-10.00	TACAS invited talk			
	Holger Hermanns. Quantitative Models for a Not So Dumb Grid			
10.00-10.30	Coffee			
10.30-12.30		FASE [Testing and Maintenance]	FoSSaCS [Semantics of Concurrency]	TACAS [Memory Models and Termination]
		Matt Staats, Gregory Gay, Michael Whalen and Mats Heimdahl. On the Danger of Coverage Directed Test Case Generation	Radha Jagadeesan, Gustavo Petri and James Riely. Brookes is Relaxed, Almost!	Parosh Aziz Abdulla, Mohamed Faouzi Atig, Yu-Fang Chen, Carl Leonardsson and Ahmed Rezine. Counter-Example Guided Fence Insertion under TSO
		Macario Polo Usaola, Pedro Reales Mateo and Beatriz Pérez Lamancha. Reduction of Test Suites Using Mutation	Marco Bernardo, Rocco De Nicola and Michele Loreti. Revisiting Trace and Testing Equivalences for Nondeterministic and Probabilistic Processes	Huafeng Jin, Tuba Yavuz-Kahveci and Beverly A. Sanders. Java Memory Model-Aware Model Checking
		Taha Triki, Yves Ledru, Lydie Du Bousquet, Frédéric Dadeau and Julien Botella. Model-Based Filtering of Large Combinatorial Test Suites	Kirstin Peters and Uwe Nestmann. Is It a "Good" Encoding of Mixed Choice?	Corneliu Popeea and Andrey Rybalchenko. Compositional Termination Proofs for Multi-Threaded Programs
		Rim Mahouachi, Marouane Kessentini and Khaled Ghedira. A New Design Defects Classification: Marrying Detection and Correction	Silvia Crafa, Daniele Varacca and Nobuko Yoshida. Event Structure Semantics of Parallel Extrusion in the pi-Calculus	Radu Iosif, Marius Bozga and Filip Konečný. Deciding Conditional Termination
12.30-13.50	Lunch			
13.50-14.50	CC invited talk			
	François Bodin. Programming Heterogeneous Many-Cores Using Directives			
15.00-16.00	CC [GPUs]		FoSSaCS [Modal Logic and Nominal Languages]	TACAS [Internet Protocol Verification]
	Ralf Karrenberg and Sebastian Hack. Improving Performance of OpenCL on CPUs		Daniel Gorín and Lutz Schröder. Narcissists Are Easy, Stepmothers Are Hard	Alessandro Armando, Wihem Arsac, Tigran Avanesov, Michele Barletta, Alberto Calvi, Alessandro Cappai, Roberto Carbone, Yannick Chevalier, Luca Compagna, Jorge Cuéllar, Gabriel Erzse, Simone Frau, Marius Minea, Sebastian Mödersheim, David von Oheimb, Giancarlo Pellegrino, Serena Elisa Ponta, Marco Rocchetto, Michael Rusinowitch, Mohammad Torabi Dashti, Mathieu Turuani and Luca Viganó. The AVANTSSAR Platform for the Automated Validation of Trust and Security of Service-Oriented Architectures [Regular
	Swapneela Unkule, Christopher Shaltz and Apan Qasem. Automatic Restructuring of GPU Kernels for Exploiting Inter-thread Data Locality		Alexander Kurz, Tomoyuki Suzuki and Emilio Tuosto. On Nominal Regular Languages with Binders	Anduo Wang, Carolyn Talcott, Alexander J.T. Gurney, Boon Thau Loo and Andre Scedrov. Reduction-Based Formal Analysis of BGP Instances
16.00-16.30	Coffee			
16.30-18.00		FASE [Slicing and Refactoring]	FoSSaCS [Games]	Competition on Software Verification
		Aharon Abadi, Ran Ettinger and Yishai A. Feldman. Fine Slicing: Theory and Applications for Computation Extraction	Krishnendu Chatterjee. Robustness of Structurally Equivalent Concurrent Parity Games	Dirk Beyer. Competition Overview Pavel Shved, Mikhail Mandrykin and Vadim Mutilin. Predicate Analysis with BLAST 2.7 Stefan Löwe and Philipp Wendler. CPAchecker with Dynamically Adjustable Predicate Analysis Daniel Wonisch† (presented by Alexander Schremmer). Adjustable Block Memorization for CPAchecker
		Josep Silva, Salvador Tamarit and César Tomás. System Dependence Graphs in Sequential Erlang	Thomas Brihaye, Véronique Bruyère, Julie De Pril and Hugo Gimbert. Subgame Perfection for Equilibria in Quantitative Reachability Games	Lucas Cordeiro, Jeremy Morse, Denis Nicole and Bernd Fischer. Context-Bounded Model Checking with ESBMC v1.17 Andreas Holzer, Daniel Kroening, Christian Schallhart, Michael Tautschnig and Helmut Veith. Proving Reachability Using Fshell Carsten Sinz, Florian Merz and Stephan Falke. LLBMC: A Bounded Model Checker
		Huiqing Li and Simon Thompson. A Domain-Specific Language for Scripting Refactorings in Erlang	Patricia Bouyer, Romain Brenguier, Nicolas Markey and Michael Ummels. Concurrent Games with Ordered Objectives	for LLVM's Intermediate Representation Kamil Dudka, Petr Müller, Petr Peringer and Tomáš Vojnar. Predator: A Verification Tool for Programs with Dynamic Linked Data Structures Sergey Grebenshchikov, Ashutosh Gupta, Nuno P. Lopes, Corneliu Popeea and Andrey Rybalchenko. HSF(C): A Software Verifier Based on Horn clauses Gérard Basler, Alastair Donaldson, Alexander Kaiser, Daniel Kroening, Michael Tautschnig and Thomas Wahl. SatAbs: A Bit-Precise Verifier for C Progarms Georg Weissenbacher, Daniel Kroening
18.30-20.30	ETAPS SC meeting (Café Swiss)			

ETAPS 2012 main conferences, Swissôtel Tallinn (Tornimäe 3)
Friday, 30 March

9.00-10.00	FoSSaCS invited talk		
	Glynn Winskel. Bicategories of Concurrent Games		
10.00-10.30	Coffee		
10.30-12.30	CC [Program analysis]		FoSSaCS [Nets and Processes]	TACAS [Statistical Model Checking]
	Mark Marron, Ondřej Lhoták and Anindya Banerjee. Programming Paradigm Driven Heap Analysis		Damiano Mazza and Neil J. Ross. Full Abstraction for Set-Based Models of the Symmetric Interaction Combinators	Ralf Wimmer, Nils Jansen, Erika Ábrahám, Bernd Becker and Joost-Pieter Katoen. Minimal Critical Subsystems for Discrete-Time Markov Models
	Sandeep Putta and Rupesh Nasre. Parallel Replication-based Points-to Analysis		Rob van Glabbeek, Ursula Goltz and Jens-Wolfhard Schicke-Uffmann. On Distributability of Petri Nets	Taolue Chen, Vojtěch Forejt, Marta Kwiatkowska, David Parker and Aistis Simaitis. Automatic Verification of Competitive Stochastic Systems
	Cong Hou, George Vulov, Daniel Quinlan, David Jefferson, Richard Fujimoto and Richard Vuduc. A New Method For Program Inversion		Bernardo Toninho, Luis Caires and Frank Pfenning. Functions as Session-Typed Processes	Benoit Barbot, Serge Haddad and Claudine Picaronny. Coupling and Importance Sampling for Statistical Model Checking
	Jun Shirako, Kamal Sharma, Naznin Fauzia, Louis-Noël Pouchet, J. Ramanujam, P. Sadayappan and Vivek Sarkar. Analytical Bounds for Optimal Tile		Mathias Hülsbusch and Barbara König. Deriving Bisimulation Congruences for Conditional Reactive Systems	Johannes Hölzl and Tobias Nipkow. Verifying pCTL Model Checking
12.30-14.00	Lunch		
14.00-15.30	CC [Objects and Components]		FoSSaCS [Automata and Model Checking]	TACAS [Synthesis]
	Taeho Kwon and Zhendong Su (presented by Mark Marron). Static Detection of Unsafe Component Loadings		Alexander Kartzow. First-order Model Checking on Nested Pushdown Trees is Complete for Doubly Exponential Alternating Time	Swen Jacobs and Roderick Bloem. Parameterized Synthesis
	Jing Yang, Gogul Balakrishnan, Naoto Maeda, Franjo Ivančić, Aarti Gupta, Nishant Sinha, Sriram Sankaranarayanan and Naveen Sharma. Object Model Construction for Inheritance in C++ and Its Applications to Program Analysis		Benedikt Bollig, Aiswarya Cyriac, Paul Gastin and K. Narayan Kumar. Model Checking Languages of Data Words	Hu Hsi Yeh, Cheng-Yin Wu and Chung-Yang (Ric) Huang. QuteRTL: Towards an Open Source Framework for RTL Design Synthesis and Verification [Regular tool paper]
	Leaf Petersen and Neal Glew. GC-Safe Interprocedural Unboxing		Stefan Göller, Christoph Haase, Joël Ouaknine and James Worrell. Branching-Time Model Checking of Parametric One-Counter Automata	Bernd Finkbeiner and Hans-Jörg Peter. Template-based Controller Synthesis for Timed Systems
15.30-16.00	Coffee		
16.00-18.00	CC [Dynamic Analysis and Runtime Support]		FoSSaCS [Probabilistic Systems]	TACAS [Provers and Analysis Techniques]
	Muhammad Umar Farooq, Lei Chen and Lizy Kurian John. Compiler Support for Value-based Indirect Branch Prediction		Sumit Nain and Moshe Vardi. Synthesizing Probabilistic Composers	William Sonnex, Sophia Drossopoulou and Susan Eisenbach. Zeno: An Automated Prover for Properties of Recursive Data Structures
	Chuck (Chengyan) Zhao, J. Gregory Steffan, Cristiana Amza and Allan Kielstra. Compiler Support for Fine-Grain Software-Only Checkpointing		Di Chen, Franck van Breugel and James Worrell. On the Complexity of Computing Probabilistic Bisimilarity	Mattias Ulbrich, Ulrich Geilmann, Aboubakr Achraf El Ghazi and Mana Taghdiri. A Proof Assistant for Alloy Specifications
	Alexandra Jimborean, Luis Mastrangelo, Vincent Loechner and Philippe Clauss. VMAD: An Advanced Dynamic Program Analysis and Instrumentation Framework		Pedro Rubén D'Argenio and Matias David Lee. Probabilistic Transition System Specification: Congruence and Full Abstraction of Bisimulation	Rohit Chadha, P. Madhusudan and Mahesh Viswanathan. Reachability under Contextual Locking
	Kevin Streit, Clemens Hammacher, Andreas Zeller and Sebastian Hack. Sambamba: A Runtime System for Online Adaptive Parallelization		Stefan Kiefer, Andrzej S. Murawski, Joël Ouaknine, Björn Wachter and James Worrell. On the Complexity of the Equivalence Problem for Probabilistic Automata	Ahmed Bouajjani and Michael Emmi. Bounded Phase Analysis of Message-Passing Programs