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Nota di contenuto	Intro -- Preface -- Organization -- Abstracts of Invited Events -- Learning About the Change: An Adaptive Approach to Automata Learning -- Testing, Runtime Verification and Automata Learning -- Contents -- Learning, Test Resource Allocation and Benchmarks -- Use Case Testing: A Constrained Active Machine Learning Approach -- 1 Introduction -- 2 Background and Problem Statement -- 2.1 Use Case Modeling -- 2.2 Active Automaton Learning -- 2.3 Problem Statement: Scalable ML -- 3 Constrained Active Machine Learning (CAML) -- 3.1 Use Case Testing: An Example -- 3.2 A Parallel Distributed CAML Architecture -- 4 A Use Case Modeling Language for CAML -- 4.1 Input/Output Declaration -- 4.2 Sequencing, Static and Dynamic Constraints -- 4.3 Automated Test Verdict Construction -- 5 Evaluation and Benchmarking -- 5.1 ROBOTest: A CAML Implementation -- 5.2 Integration of ROBOTest and ASM -- 5.3 ACC Use Case Descriptions -- 5.4 ACC Test Objectives -- 6 Results -- 7 Related Work -- 8 Conclusions and Future Work -- References -- Architecture-Guided Test Resource Allocation via Logic -- 1 Introduction -- 1.1 Related Work -- 2 Quantitative Confidence Logic -- 2.1 Syntax and Proof Rules of QCL -- 2.2 Interpretation as Random Variables -- 3 Translating System Architectures to Proofs -- 4 Solving the Test Resource Allocation Problem -- 4.1 Confidence Functions --

4.2 The Optimisation Problem -- 5 Experimental Results -- 5.1 RQ1: Theoretical Evaluation -- 5.2 RQ2: Empirical Evaluation -- 5.3 Evaluation Results -- 6 Conclusion and Future Work -- References -- A Benchmarks Library for Extended Parametric Timed Automata -- 1 Introduction -- 2 Related Libraries -- 3 Parametric Timed Automata -- 4 The Benchmarks Library -- 4.1 Organization -- 4.2 Distribution -- 4.3 Benchmarks Classification -- 4.4 Properties -- 4.5 Unsolvable Benchmarks -- 4.6 Expected Performances.

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