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	Nota di contenuto	Generative Model Driven Design for Agile System Design and Evolution: a Tale of Two Worlds -- Building Correct Cyber-Physical Systems: Why we need a Multiview Contract Theory -- Automated Functional Safety Analysis of Automated Driving Systems -- Safety Interlocking as a Distributed Mutual Exclusion Problem -- Checking Consistency of Real-

Time Requirements on Distributed Automotive Control Software Early in the Development Process Using UPPAAL -- Formal Verification of a Programmable Hypersurface - Work in progress -- Modelling and Analysing ERTMS Hybrid Level 3 with the mCRL2 toolset -- Progress Checking for Dummies -- Virtual Integration for Pattern-Based Contracts with the Kind2 Model Checker -- Active Mining of Document Type Definitions -- Adaptive Learning for Learn-based regression testing -- Predicate Abstraction and Such... -- Compositional Verification in Action -- A Note on Refinement in Hierarchical Transition Systems -- M3C: Modal Meta Model Checking -- Wholly!: A Build System For The Modern Software Stack -- A Modeling Language for Security Threats of IoT Systems -- Revisiting bounded reachability analysis of timed automata based on MILP -- Evaluation and Comparison of Real-Time Systems Analysis Methods and Tools -- The Quest for Optimality in Stateless Model Checking of Concurrent Programs -- The cause-effect latency problem in real-time systems.

Sommario/riassunto	This book constitutes the proceedings of the 23rd International Conference on Formal Methods for Industrial Critical Systems, FMICS 2018, held in Maynooth, Ireland, in September 2018. The 9 regular papers presented in this volume were carefully reviewed and selected from 17 submissions. The book also contains two invited talks in full-paper length. In addition, there are 8 invited contributions in honor of Susanne Graf (Director of Research at VERIMAG Grenoble, France) on the occasion of her 60th birthday. The aim of the FMICS conference series is to provide a forum for researchers who are interested in the development and application of formal methods in industry. In particular, FMICS brings together scientists and engineers who are active in the area of formal methods and interested in exchanging their experiences in the industrial usage of these methods. The FMICS conference series also strives to promote research and development for the improvement of formal methods and tools for industrial applications.